

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100919\
 Data File : VY000241.D
 Acq On : 09 Oct 2019 14:22
 Operator : SY/MD
 Sample : 2.5PPBMDL
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 8:40:39 AM

Quant Time: Oct 10 02:12:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 02:06:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	274275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	445788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	392164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	181637	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	171841	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	7.74	113	135138	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
50) Toluene-d8	10.19	98	525968	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
62) 4-Bromofluorobenzene	12.48	95	183187	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	6078	2.220	ug/l 76
3) Chloromethane	2.12	50	7836	2.101	ug/l 94
4) Vinyl Chloride	2.25	62	8211	2.133	ug/l 99
5) Bromomethane	2.63	94	7589	3.124	ug/l # 80
6) Chloroethane	2.79	64	5612	2.308	ug/l 90
7) Trichlorofluoromethane	3.13	101	11258	2.263	ug/l 91
8) Diethyl Ether	3.54	74	5251	2.308	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	6400	2.203	ug/l # 84
10) Methyl Iodide	4.10	142	6161	1.438	ug/l 94
11) Tert butyl alcohol	4.96	59	25448	13.279	ug/l 96
12) 1,1-Dichloroethene	3.88	96	6690	2.218	ug/l # 78
13) Acrolein	3.74	56	12008	11.937	ug/l 94
14) Allyl chloride	4.49	41	10835	2.132	ug/l # 89
15) Acrylonitrile	5.17	53	38195	11.290	ug/l 96
16) Acetone	3.96	43	30073	10.764	ug/l 96
17) Carbon Disulfide	4.20	76	17448	1.963	ug/l # 94
18) Methyl Acetate	4.49	43	17122	2.236	ug/l 92
19) Methyl tert-butyl Ether	5.23	73	23896	2.166	ug/l 95
20) Methylene Chloride	4.72	84	8487	2.312	ug/l # 81
21) trans-1,2-Dichloroethene	5.22	96	7326	2.160	ug/l # 92
22) Diisopropyl ether	6.13	45	23837	2.025	ug/l 98
23) Vinyl Acetate	6.08	43	105852	9.928	ug/l 99
24) 1,1-Dichloroethane	6.02	63	13391	2.230	ug/l 100
25) 2-Butanone	7.00	43	53813	10.412	ug/l 91
26) 2,2-Dichloropropane	7.00	77	12195	2.250	ug/l 97
27) cis-1,2-Dichloroethene	7.00	96	8661	2.168	ug/l 95
28) Bromochloromethane	7.35	49	5226	2.644	ug/l 95
29) Tetrahydrofuran	7.36	42	37888	10.380	ug/l 97
30) Chloroform	7.52	83	13931	2.235	ug/l 90
31) Cyclohexane	7.79	56	17156	2.829	ug/l # 81
32) 1,1,1-Trichloroethane	7.71	97	12326	2.326	ug/l 99
36) 1,1-Dichloropropene	7.93	75	9372	2.066	ug/l 92
37) Ethyl Acetate	7.10	43	18349	2.238	ug/l 98
38) Carbon Tetrachloride	7.91	117	11429	2.585	ug/l 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	12598	2.214	ug/l	92
40) Benzene	8.17	78	30759	2.235	ug/l	96
41) Methacrylonitrile	7.35	41	13331m	2.065	ug/l	
42) 1,2-Dichloroethane	8.25	62	11361	2.542	ug/l	97
43) Isopropyl Acetate	8.28	43	23171	2.195	ug/l	97
44) Trichloroethene	8.95	130	9583	2.568	ug/l	95
45) 1,2-Dichloropropane	9.23	63	7808	2.266	ug/l #	85
46) Dibromomethane	9.31	93	5171	2.140	ug/l	90
47) Bromodichloromethane	9.50	83	10610	2.245	ug/l	99
48) Methyl methacrylate	9.30	41	10289	2.160	ug/l	97
49) 1,4-Dioxane	9.30	88	5174	42.308	ug/l #	80
51) 4-Methyl-2-Pentanone	10.08	43	84635	10.670	ug/l	100
52) Toluene	10.25	92	19010	2.154	ug/l	94
53) t-1,3-Dichloropropene	10.47	75	10140	1.891	ug/l	90
54) cis-1,3-Dichloropropene	9.94	75	12766	2.200	ug/l #	91
55) 1,1,2-Trichloroethane	10.65	97	7623	2.191	ug/l	92
56) Ethyl methacrylate	10.52	69	12448	2.032	ug/l	96
57) 1,3-Dichloropropane	10.80	76	13252	2.230	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.79	63	30467	11.157	ug/l	95
59) 2-Hexanone	10.84	43	71185	10.589	ug/l	97
60) Dibromochloromethane	10.99	129	7885	2.143	ug/l	90
61) 1,2-Dibromoethane	11.09	107	8649	2.340	ug/l	92
64) Tetrachloroethene	10.72	164	9315	2.599	ug/l #	89
65) Chlorobenzene	11.52	112	20850	2.294	ug/l #	85
66) 1,1,1,2-Tetrachloroethane	11.60	131	7139	2.197	ug/l	98
67) Ethyl Benzene	11.60	91	36537	2.249	ug/l	89
68) m/p-Xylenes	11.70	106	27273	4.400	ug/l	98
69) o-Xylene	12.03	106	13719	2.297	ug/l	92
70) Styrene	12.05	104	21139	2.055	ug/l	98
71) Bromoform	12.20	173	6100	2.275	ug/l #	93
73) Isopropylbenzene	12.33	105	35372	2.298	ug/l	100
74) N-amyl acetate	12.14	43	13421	1.831	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.59	83	11452	2.180	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	11125m	2.320	ug/l	
77) Bromobenzene	12.61	156	8578	2.377	ug/l	93
78) n-propylbenzene	12.67	91	39541	2.199	ug/l	98
79) 2-Chlorotoluene	12.76	91	23113	2.233	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	29783	2.319	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	4580	1.970	ug/l #	82
82) 4-Chlorotoluene	12.86	91	23508	2.242	ug/l	95
83) tert-Butylbenzene	13.08	119	24787	2.221	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	28257	2.202	ug/l	95
85) sec-Butylbenzene	13.25	105	35117	2.282	ug/l	96
86) p-Isopropyltoluene	13.38	119	29941	2.213	ug/l	98
87) 1,3-Dichlorobenzene	13.37	146	15905	2.431	ug/l	97
88) 1,4-Dichlorobenzene	13.45	146	16076	2.359	ug/l	84
89) n-Butylbenzene	13.70	91	25364	1.989	ug/l	97
90) Hexachloroethane	13.96	117	5607	2.191	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	15543	2.348	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.36	75	3614	2.203	ug/l	93

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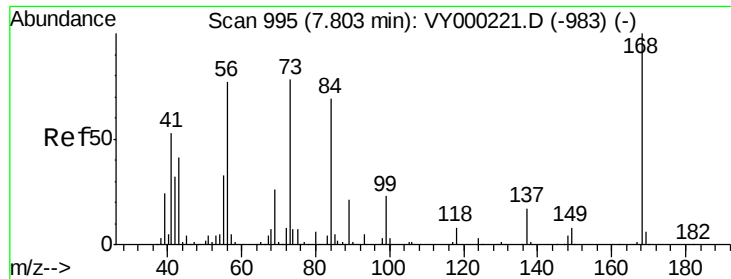
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	10750	2.391	ug/l	97
94) Hexachlorobutadiene	15.11	225	4950	2.304	ug/l	96
95) Naphthalene	15.23	128	36796	2.176	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	10649	2.463	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



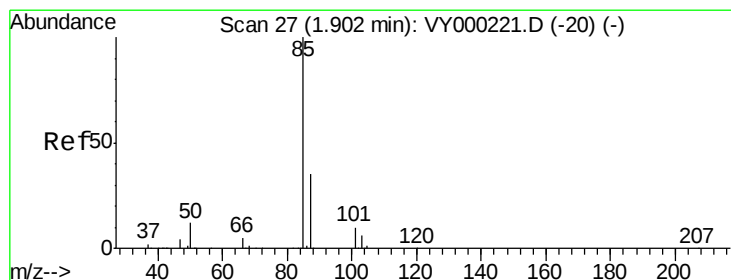
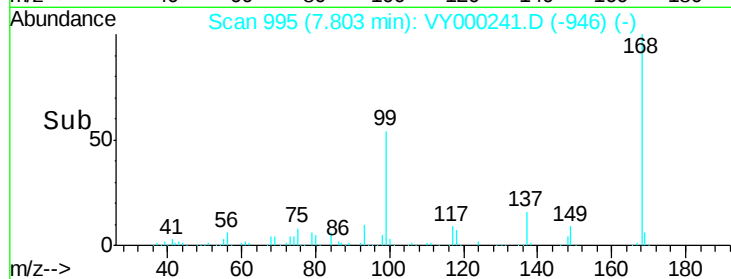
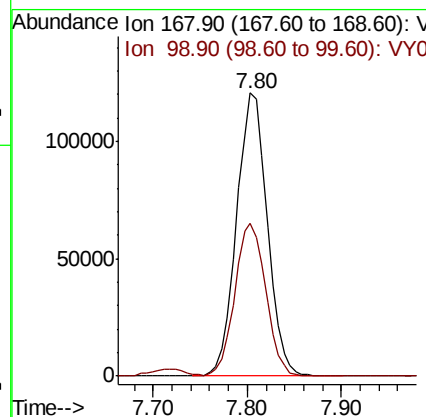
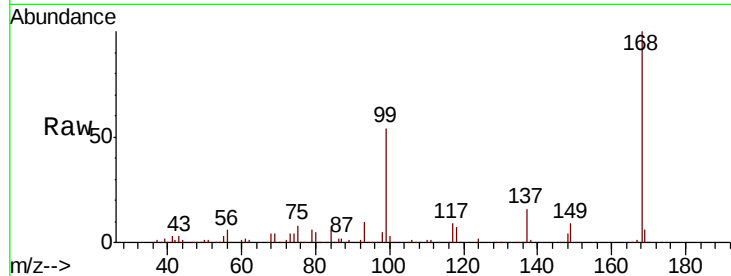
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
168	100		
99	54.0	45.0	67.6

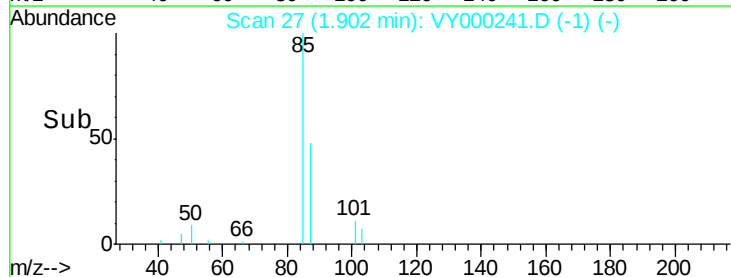
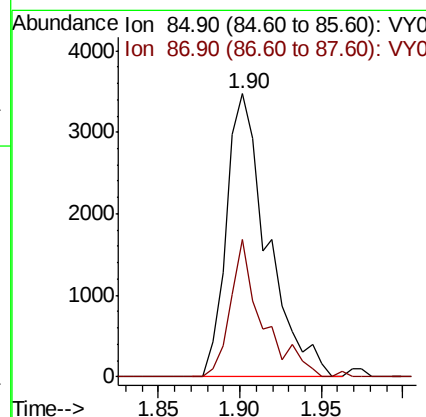
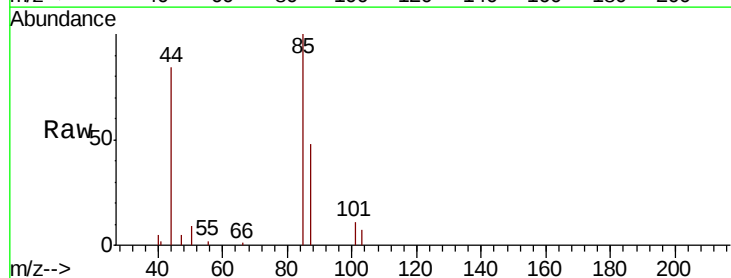
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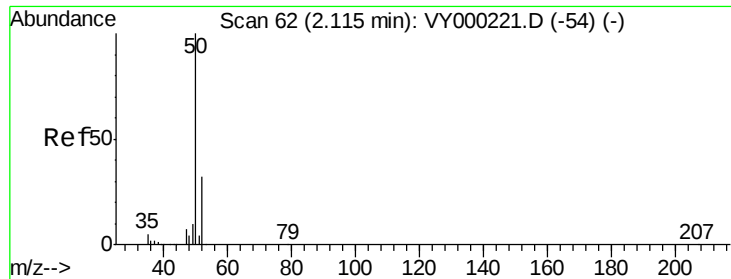
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#2
Dichlorodifluoromethane
Concen: 2.220 ug/l
RT: 1.90 min Scan# 27
Delta R.T. 0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Lower	Upper
85	100		
87	48.5	17.4	52.2





#3

Chloromethane

Concen: 2.101 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 50 Resp: 7836

Ion Ratio Lower Upper

50 100

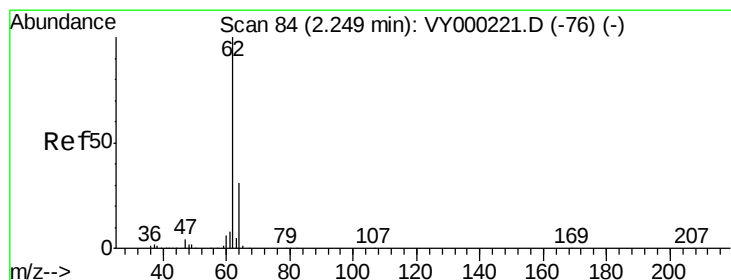
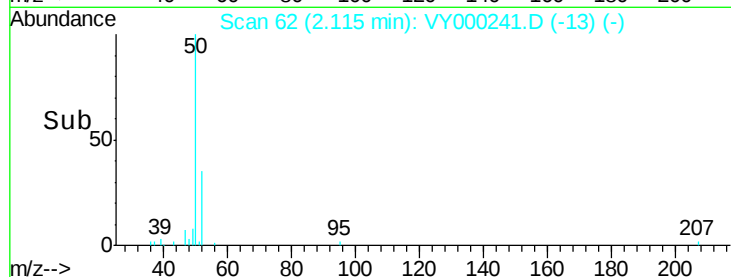
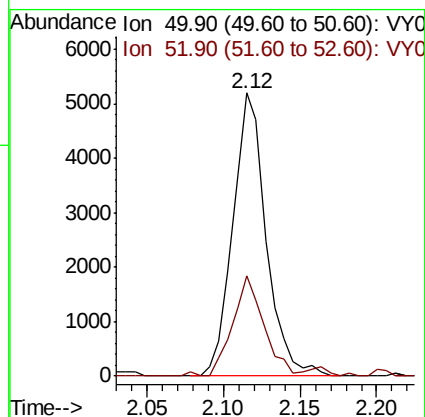
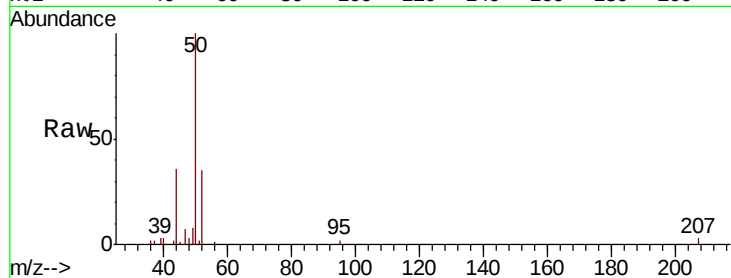
52 35.3 25.4 38.0

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#4

Vinyl Chloride

Concen: 2.133 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000241.D

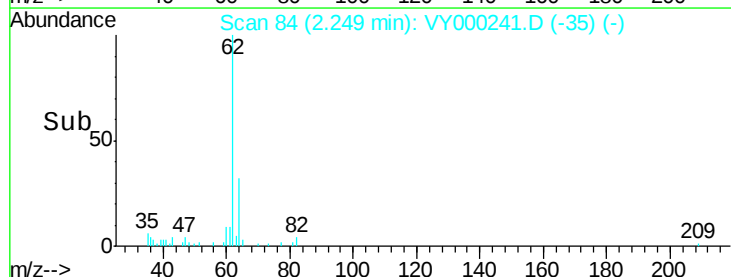
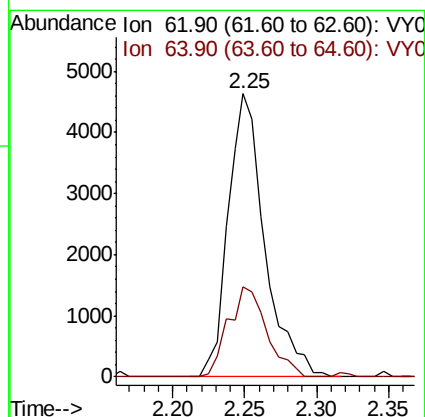
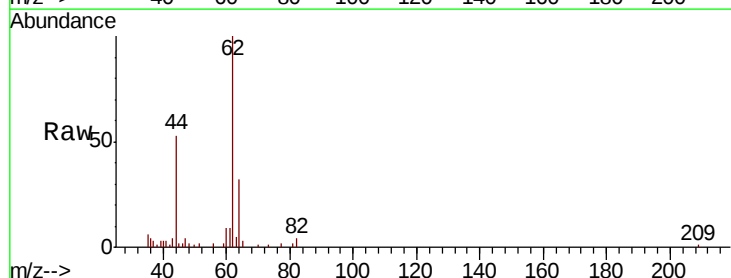
Acq: 09 Oct 2019 14:22

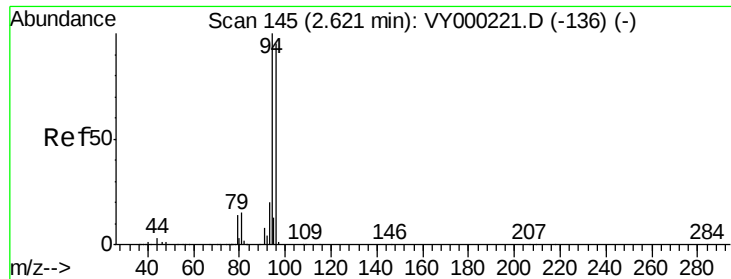
Tgt Ion: 62 Resp: 8211

Ion Ratio Lower Upper

62 100

64 32.0 25.0 37.6





#5

Bromomethane

Concen: 3.124 ug/l

RT: 2.63 min Scan# 147

Delta R.T. 0.01 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 94 Resp: 7589

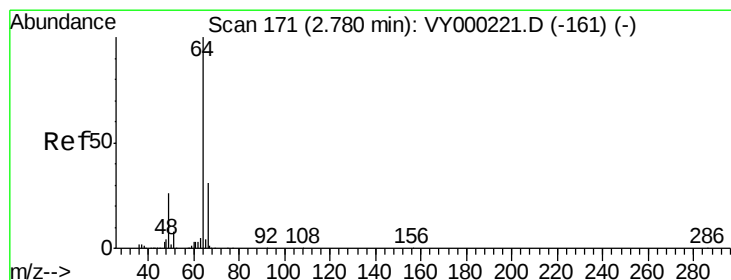
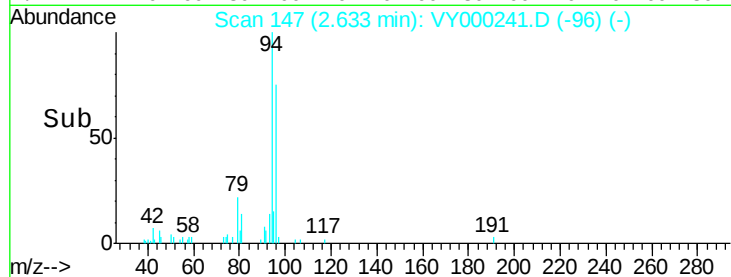
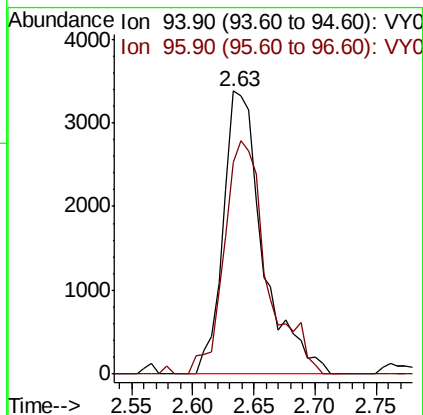
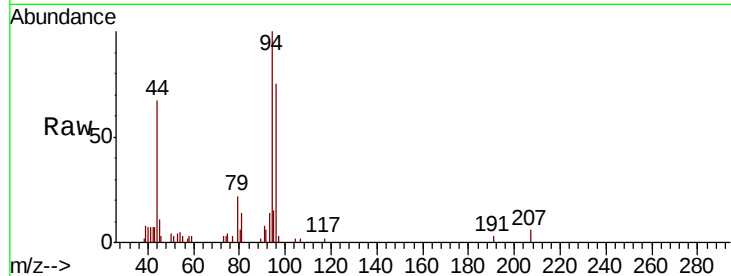
Ion Ratio Lower Upper

94 100

96 75.0 75.7 113.5#

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#6

Chloroethane

Concen: 2.308 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.01 min

Lab File: VY000241.D

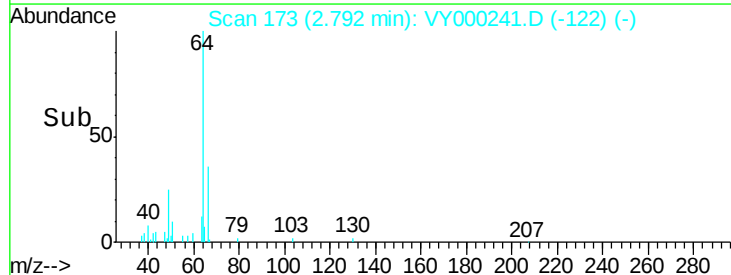
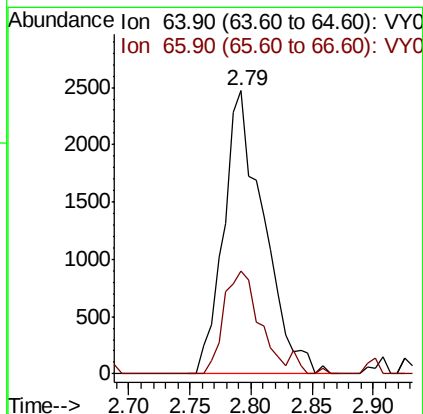
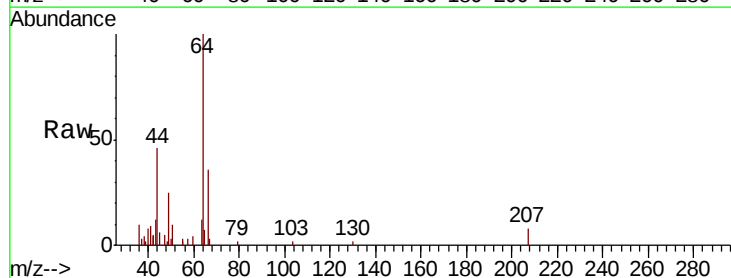
Acq: 09 Oct 2019 14:22

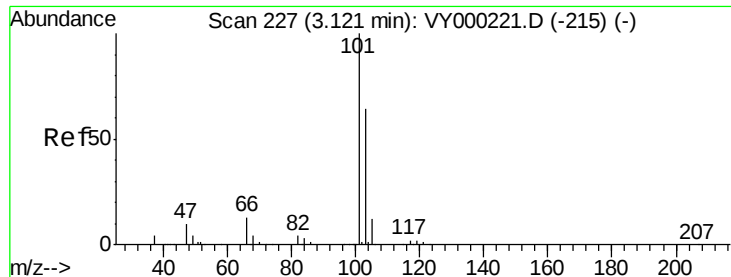
Tgt Ion: 64 Resp: 5612

Ion Ratio Lower Upper

64 100

66 36.3 24.5 36.7





#7

Trichlorofluoromethane

Concen: 2.263 ug/l

RT: 3.13 min Scan# 229

Delta R.T. 0.01 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

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2.5PPBMDL

Tot Ion:101 Resp: 11258

Ion Ratio Lower Upper

101 100

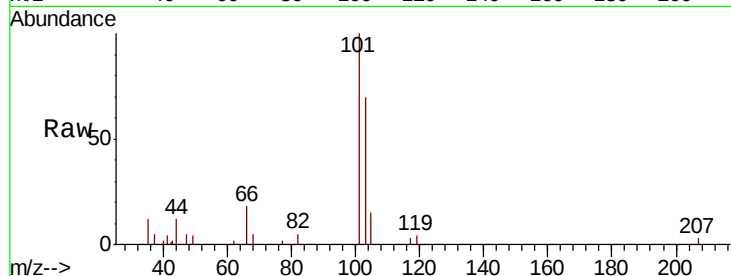
103 70.5 51.0 76.6

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.13

4000

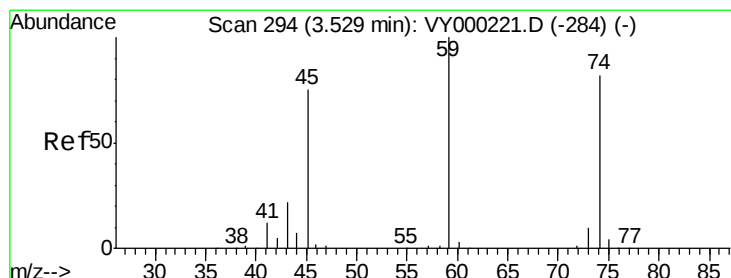
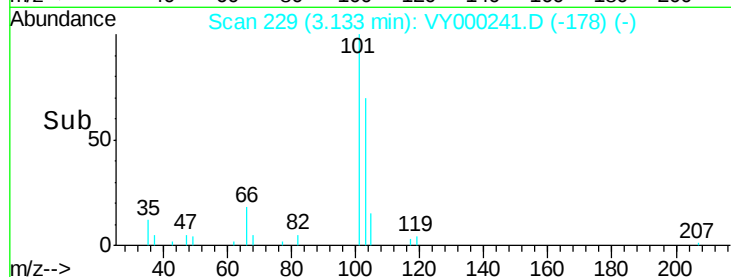
3000

2000

1000

0

Time--> 3.00 3.10 3.20



#8

Diethyl Ether

Concen: 2.308 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.01 min

Lab File: VY000241.D

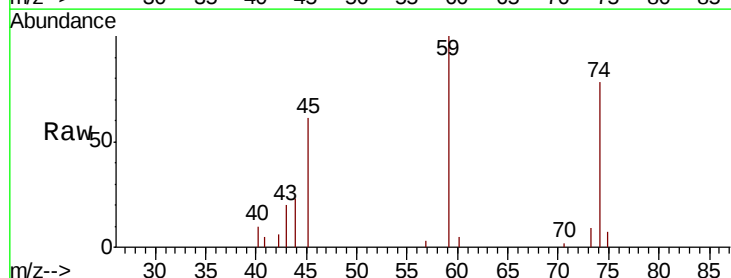
Acq: 09 Oct 2019 14:22

Tgt Ion: 74 Resp: 5251

Ion Ratio Lower Upper

74 100

45 86.8 45.8 137.4



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0

3.54

2500

2000

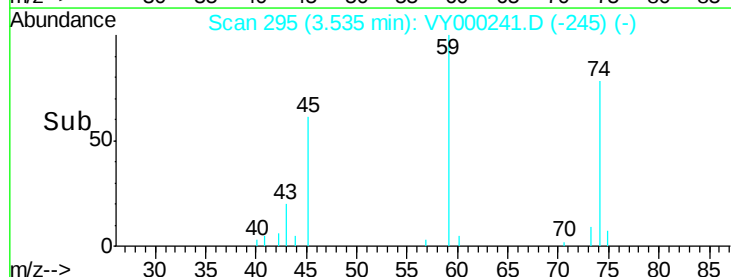
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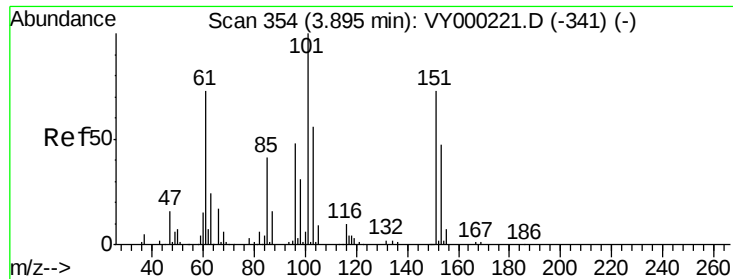
1000

500

0

Time--> 3.45 3.50 3.55 3.60





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.203 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.01 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

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MSVOA_Y

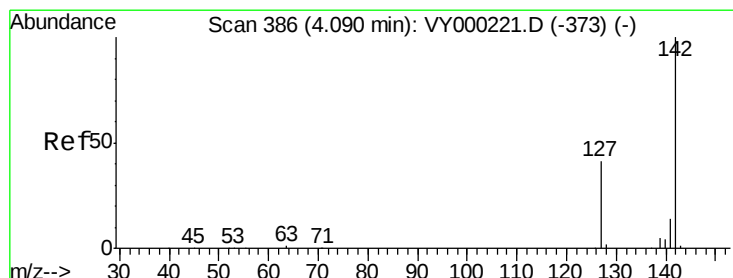
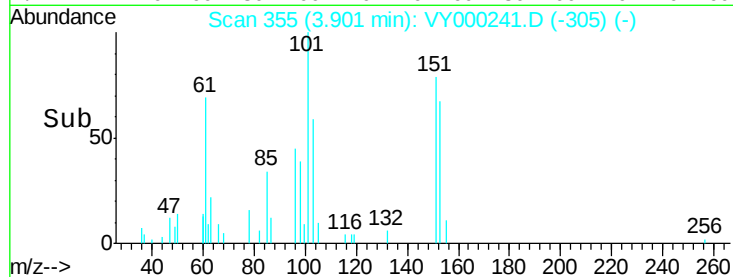
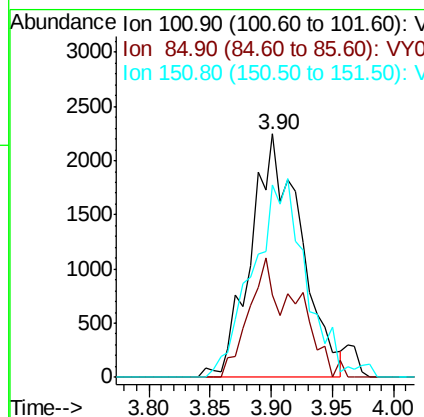
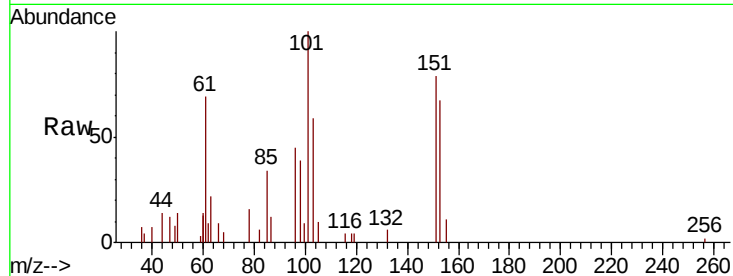
ClientSampleId :

2.5PPBMDL

Tot Ion:	101	Resp:	6400
Ion Ratio	Lower	Upper	
101	100		
85	27.2	37.0	55.6#
151	85.5	63.0	94.4

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#10

Methyl Iodide

Concen: 1.438 ug/l

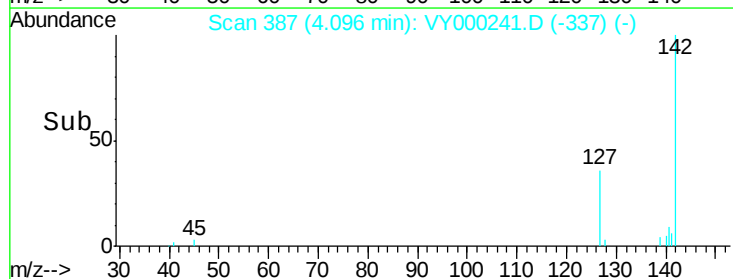
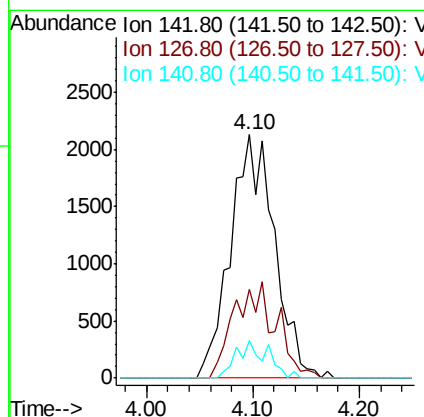
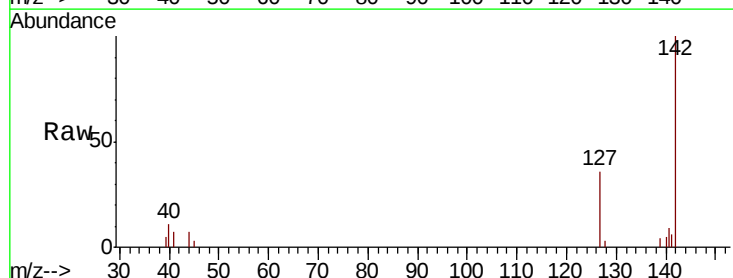
RT: 4.10 min Scan# 387

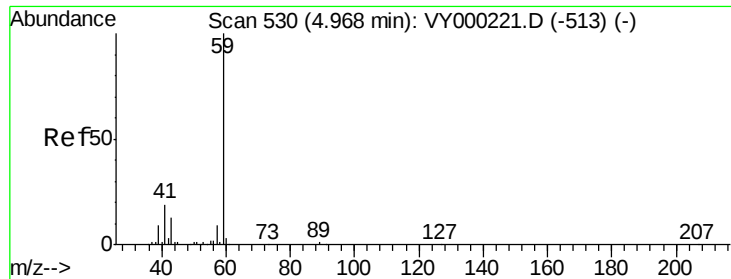
Delta R.T. 0.01 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Tgt Ion:	142	Resp:	6161
Ion Ratio	Lower	Upper	
142	100		
127	37.5	33.0	49.6
141	11.0	11.0	16.4





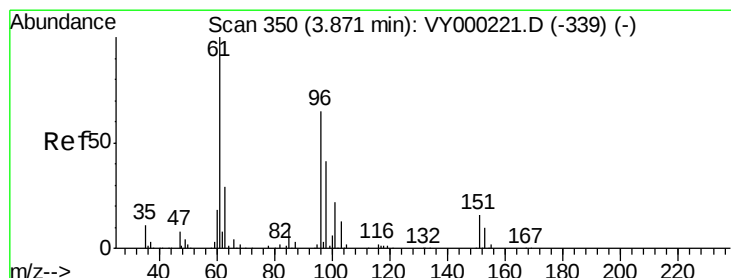
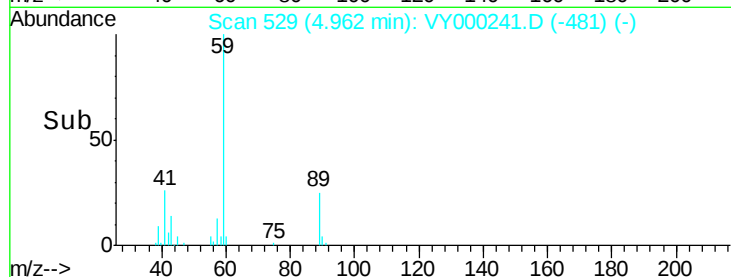
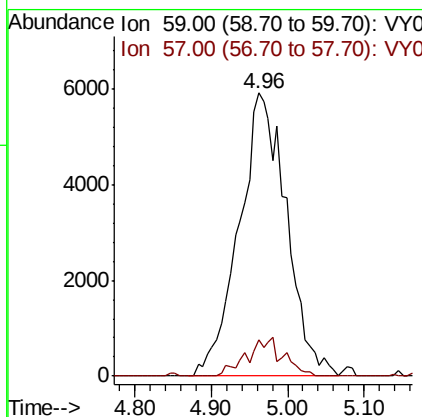
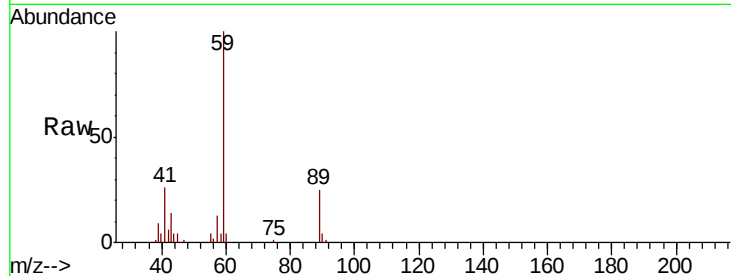
#11
Tert butyl alcohol
Concen: 13.279 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.4	8.0	12.0

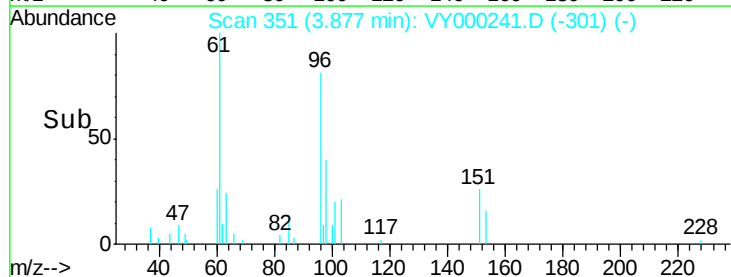
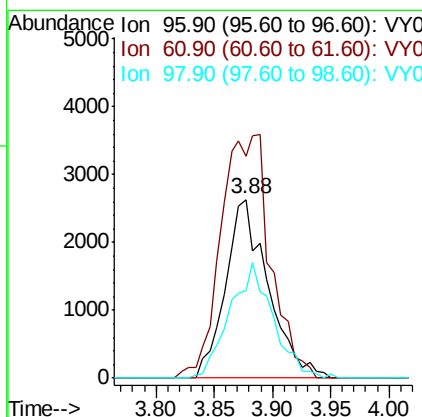
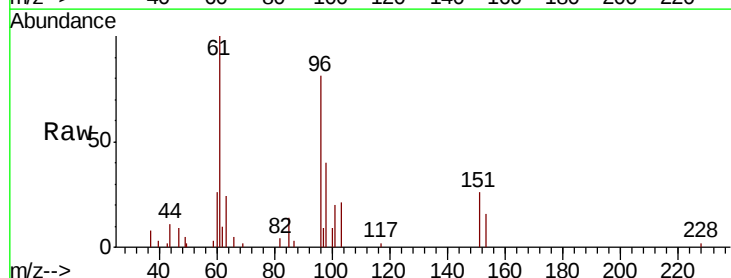
Manual Integrations
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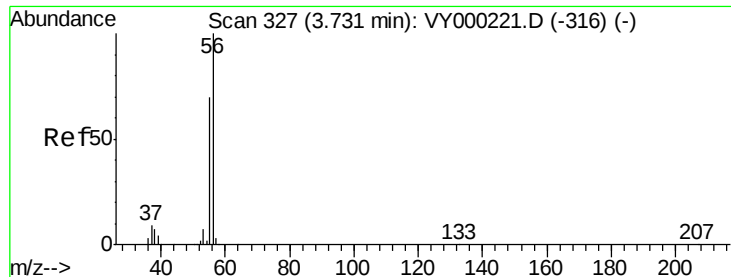
MMDadoda
10/11/2019 8:40:39 AM



#12
1,1-Dichloroethene
Concen: 2.218 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.01 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	124.0	123.8	185.8
98	49.2	50.9	76.3#





#13

Acrolein

Concen: 11.937 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 56 Resp: 12008

Ion Ratio Lower Upper

56 100

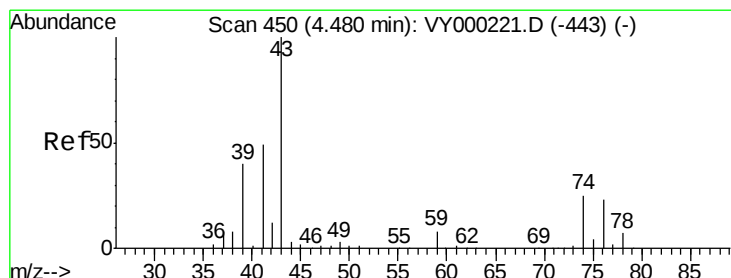
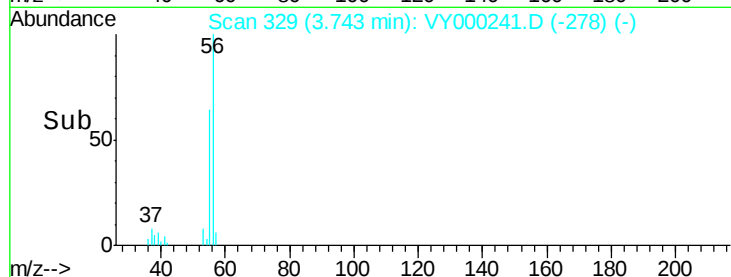
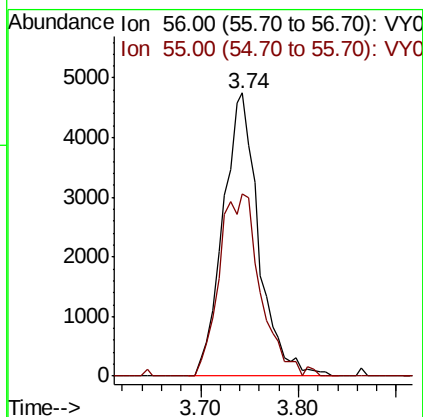
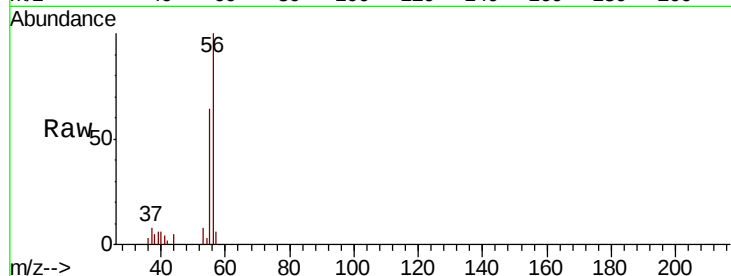
55 74.2 55.2 82.8

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#14

Allyl chloride

Concen: 2.132 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

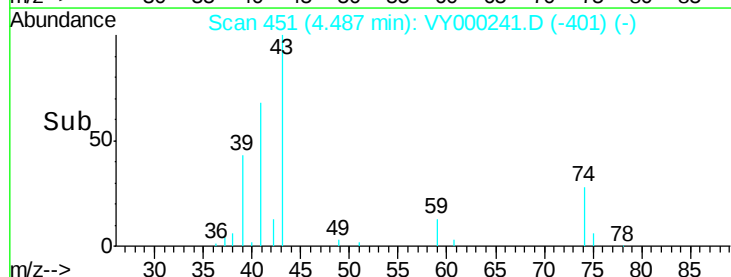
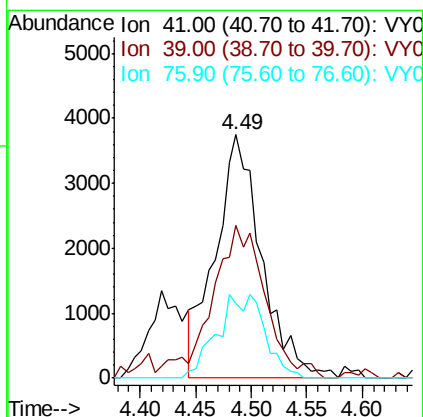
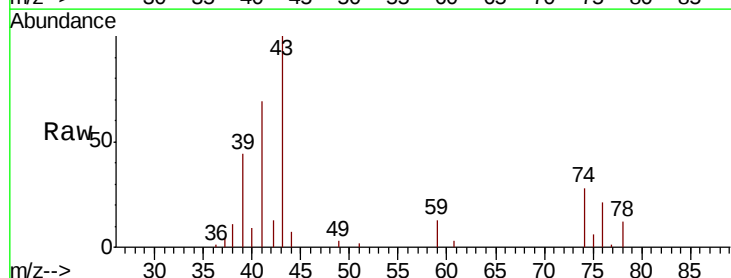
Tgt Ion: 41 Resp: 10835

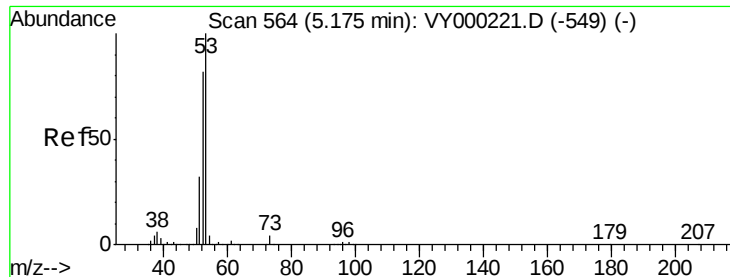
Ion Ratio Lower Upper

41 100

39 71.9 56.4 84.6

76 20.6 30.8 46.2#





#15

Acrylonitrile

Concen: 11.290 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Instrument :

MSVOA_Y

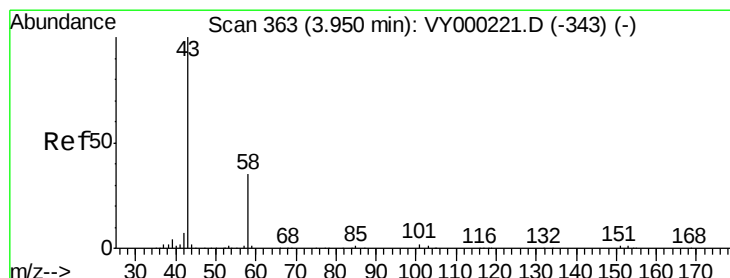
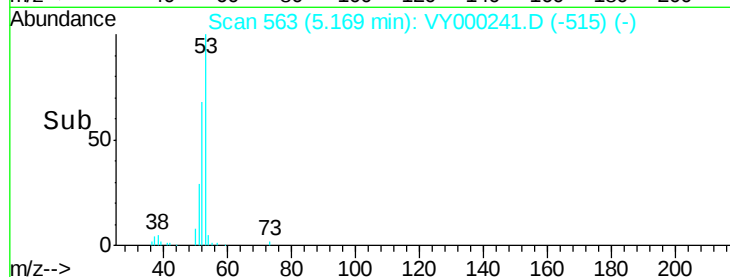
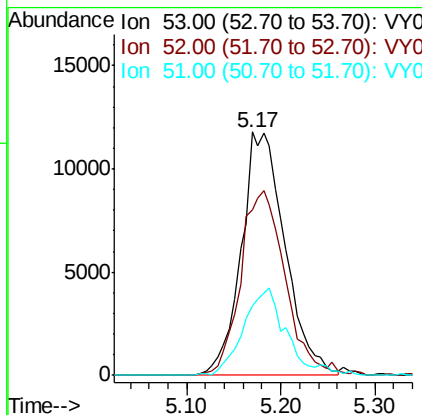
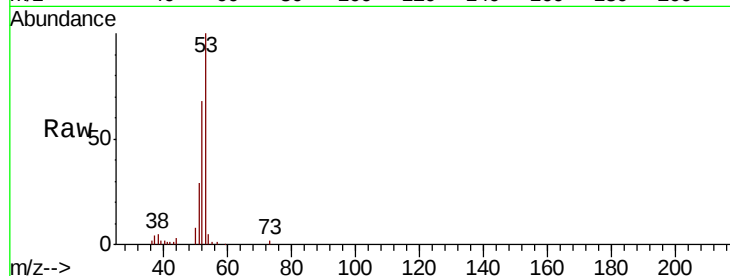
ClientSampleId :

2.5PPBMDL

Tot Ion:	53	Resp:	38195
Ion	Ratio	Lower	Upper
53	100		
52	77.4	65.4	98.2
51	35.2	27.2	40.8

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#16

Acetone

Concen: 10.764 ug/l

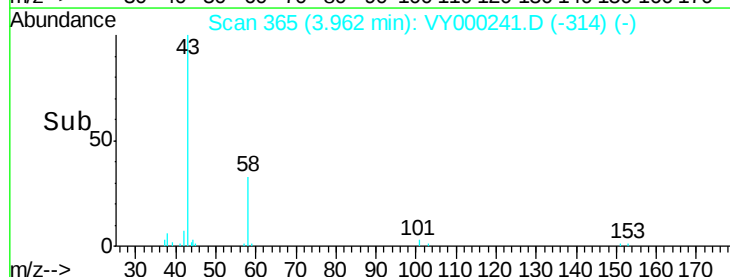
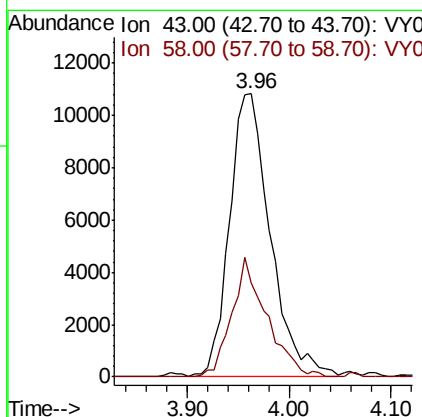
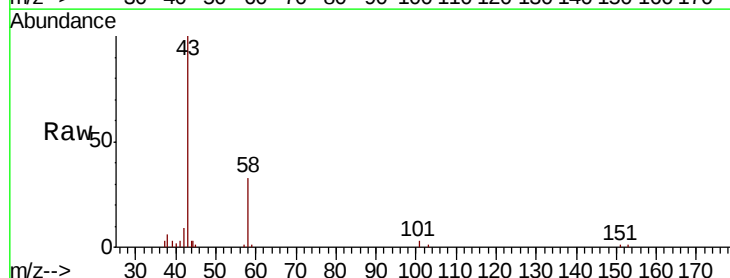
RT: 3.96 min Scan# 365

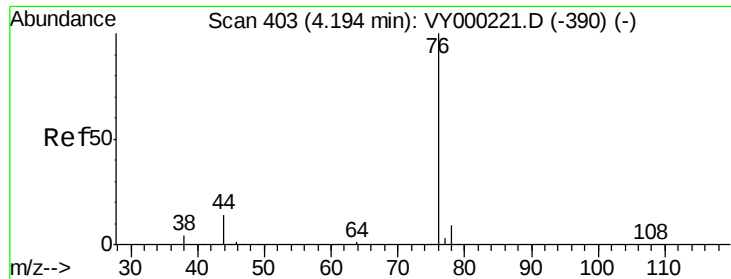
Delta R.T. 0.01 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Tgt Ion:	43	Resp:	30073
Ion	Ratio	Lower	Upper
43	100		
58	33.2	28.2	42.4





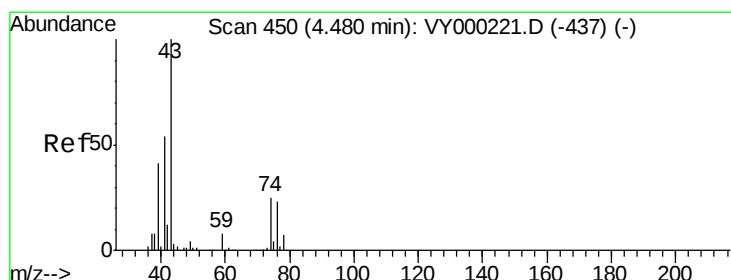
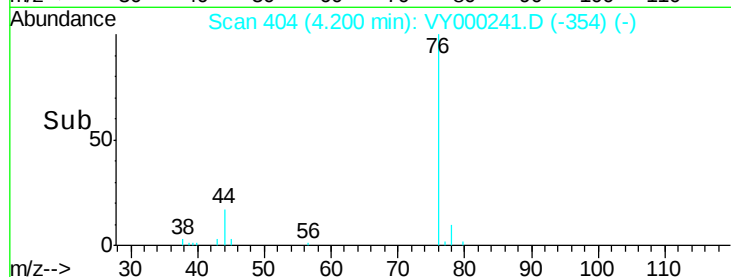
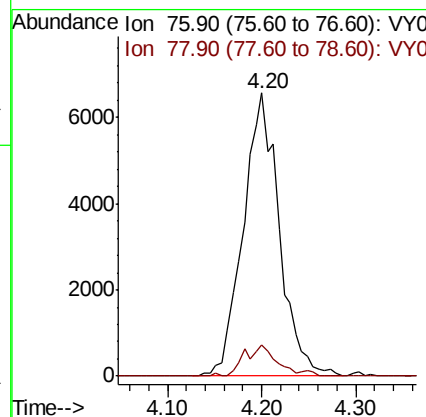
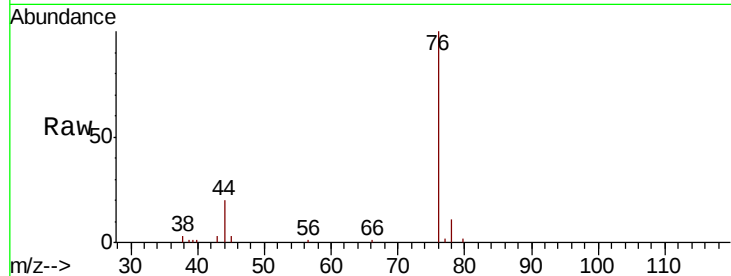
#17
Carbon Disulfide
Concen: 1.963 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
76	100		
78	11.0	7.0	10.6#

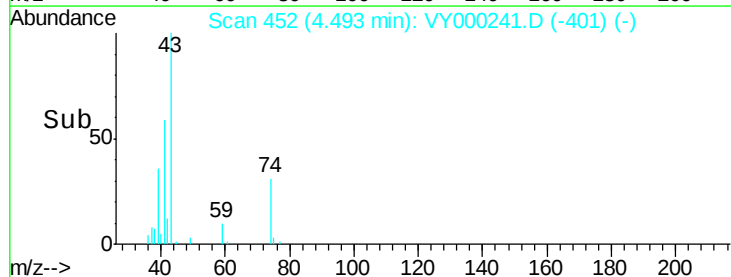
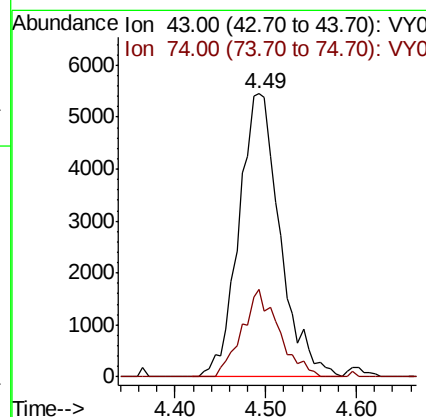
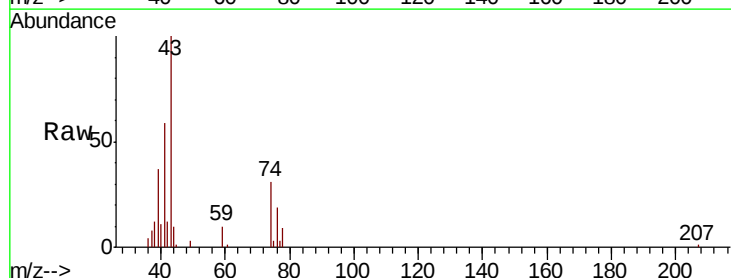
Manual Integrations
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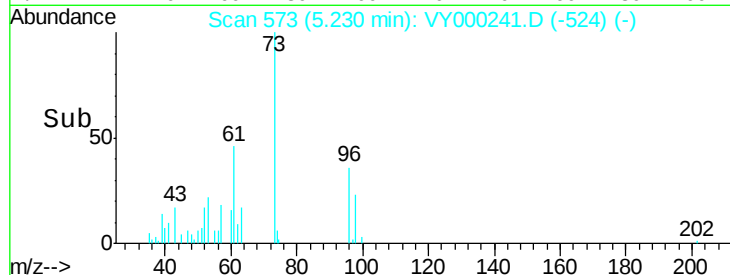
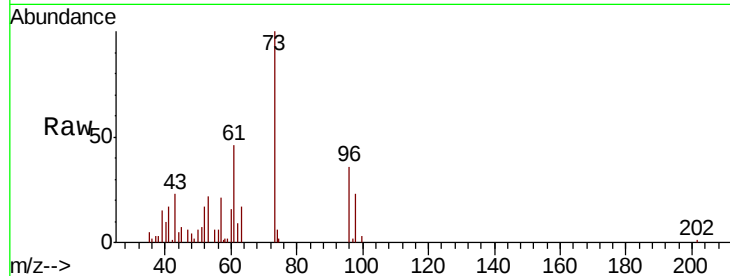
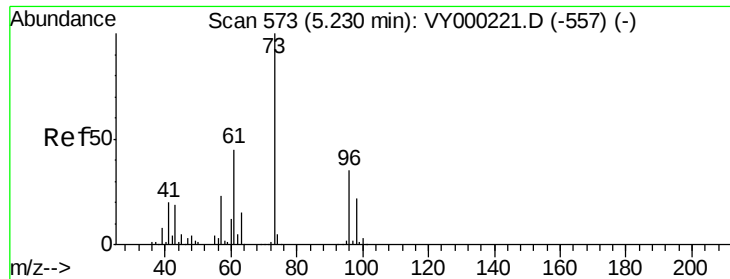
MMDadoda
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#18
Methyl Acetate
Concen: 2.236 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.8	19.1	28.7





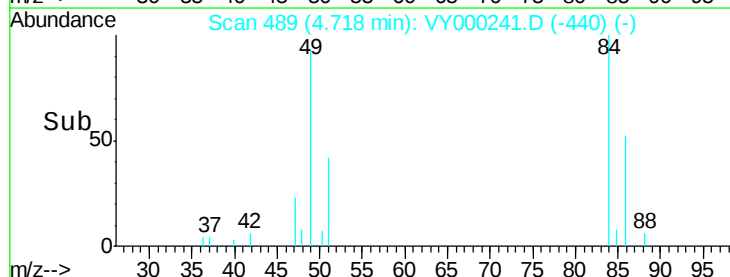
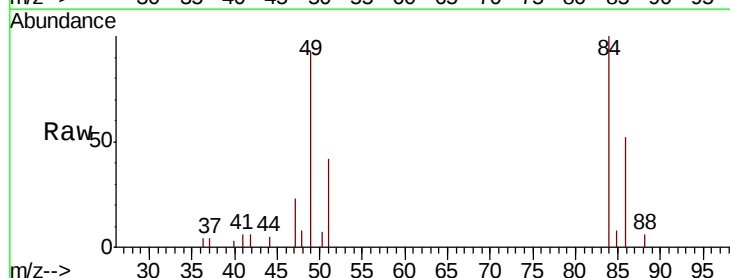
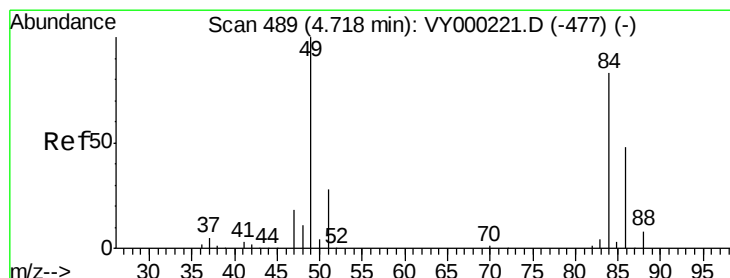
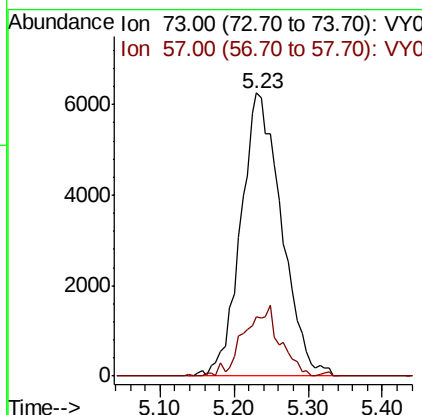
#19
Methvl tert-butvl Ether
Concen: 2.166 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tot Ion: 73 Resp: 23896
Ion Ratio Lower Upper
73 100
57 20.8 18.4 27.6

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

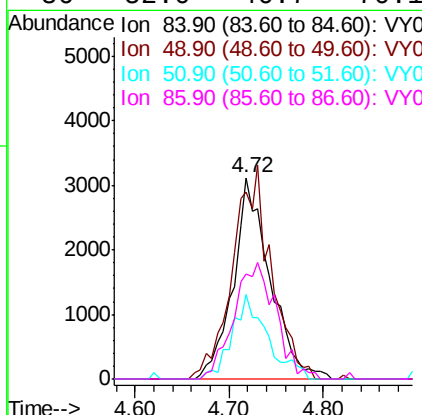
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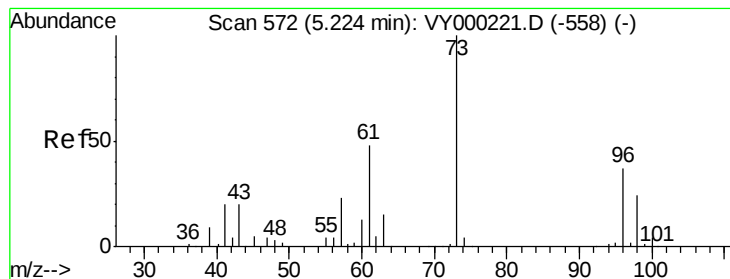
MMDadoda
10/11/2019 8:40:39 AM



#20
Methylene Chloride
Concen: 2.312 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion: 84 Resp: 8487
Ion Ratio Lower Upper
84 100
49 93.1 96.2 144.2#
51 41.8 26.6 39.8#
86 52.0 46.7 70.1





#21

trans-1,2-Dichloroethene

Concen: 2.160 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 96 Resp: 7326

Ion Ratio Lower Upper

96 100

61 134.7 104.2 156.2

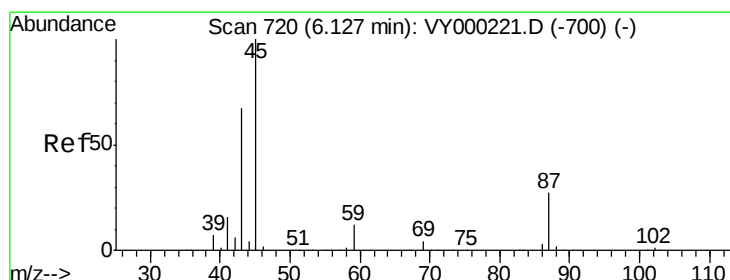
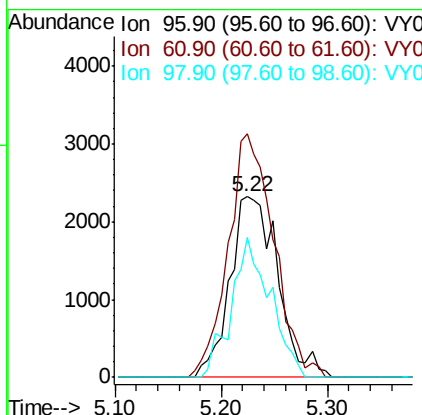
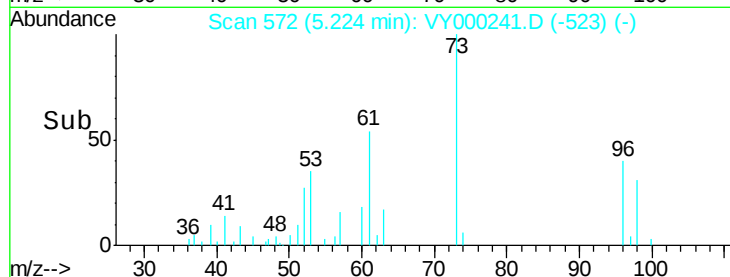
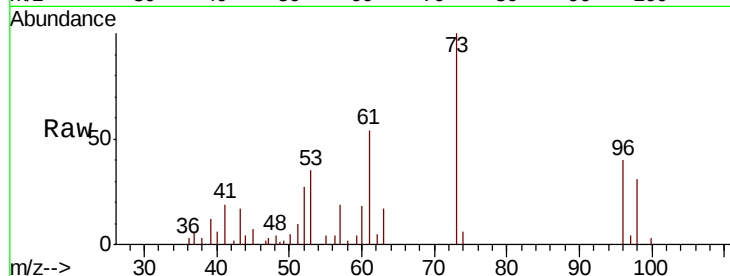
98 77.7 51.0 76.6#

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#22

Diisopropyl ether

Concen: 2.025 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Tgt Ion: 45 Resp: 23837

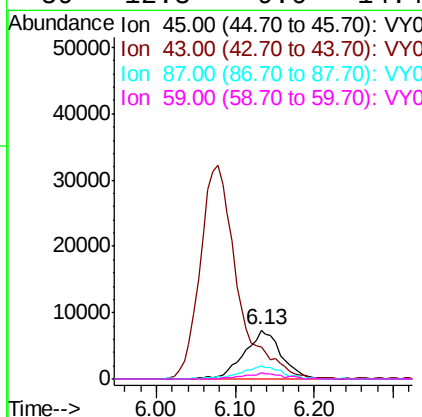
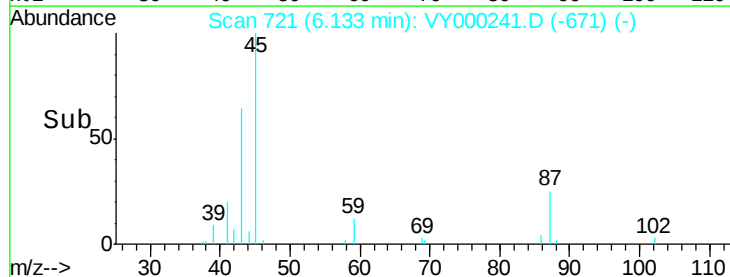
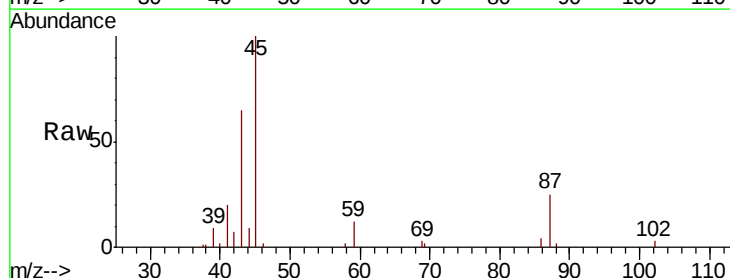
Ion Ratio Lower Upper

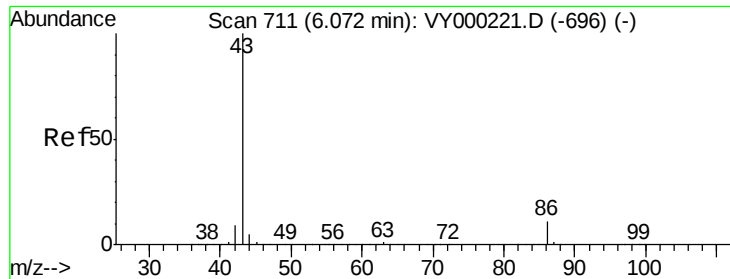
45 100

43 65.4 53.4 80.2

87 25.5 21.7 32.5

59 12.3 9.6 14.4





#23

Vinyl Acetate

Concen: 9.928 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 43 Resp: 105852

Ion Ratio Lower Upper

43 100

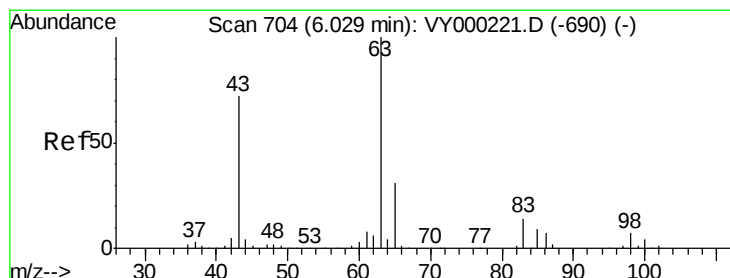
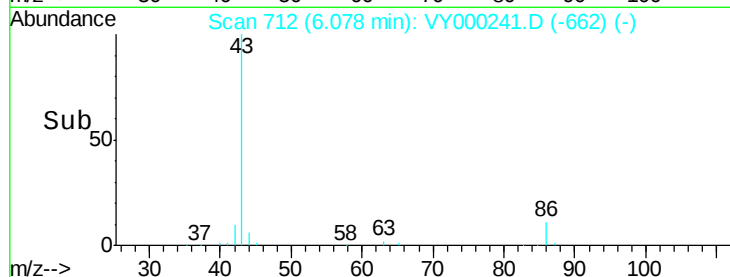
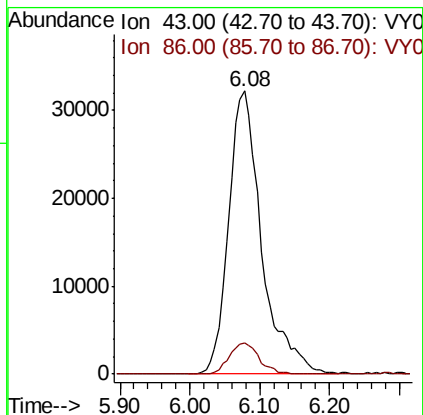
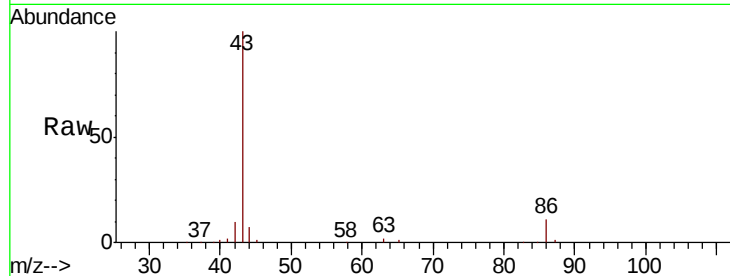
86 11.1 8.5 12.7

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#24

1,1-Dichloroethane

Concen: 2.230 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

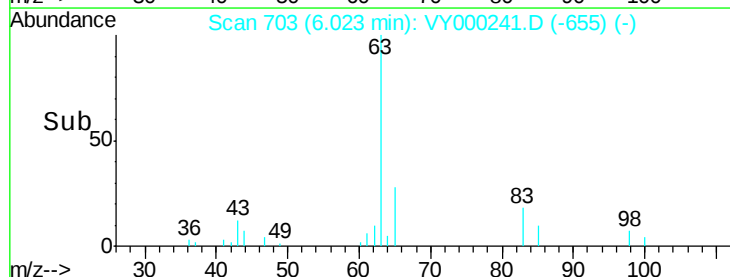
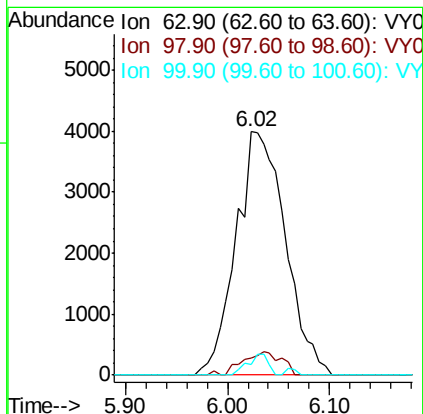
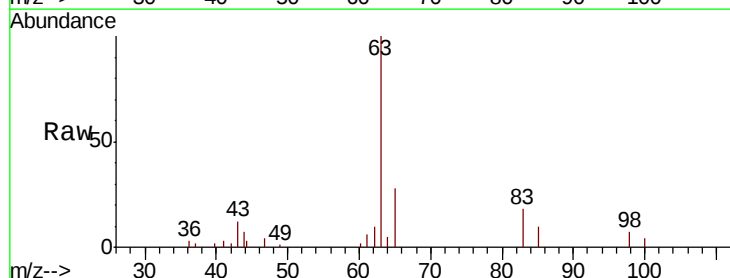
Tgt Ion: 63 Resp: 13391

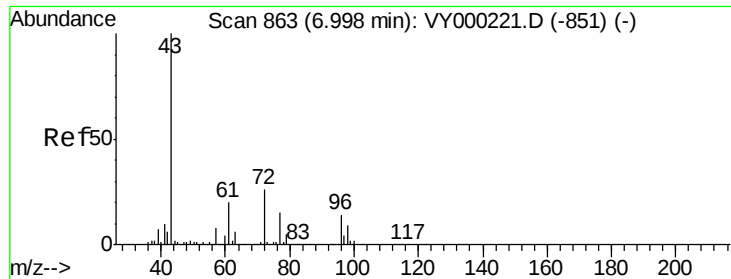
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.6

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 10.412 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 43 Resp: 53813

Ion Ratio Lower Upper

43 100

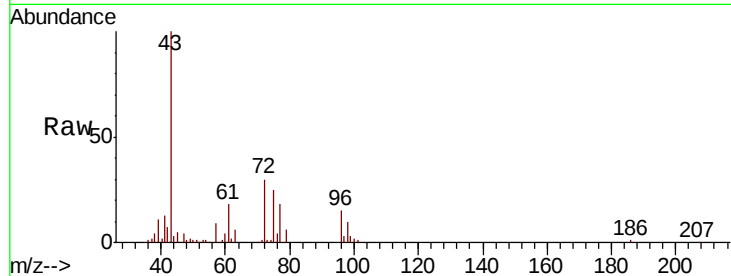
72 30.3 20.6 31.0

Manual Integrations

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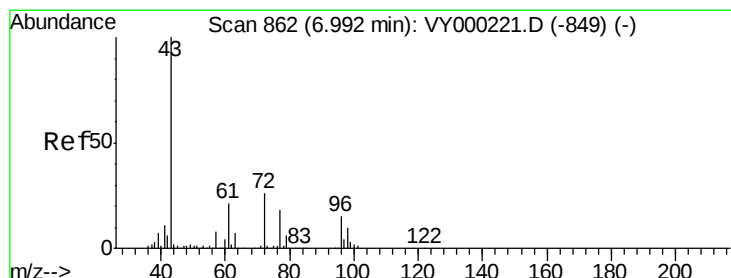
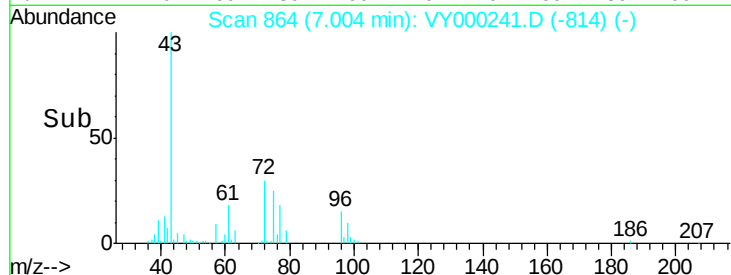
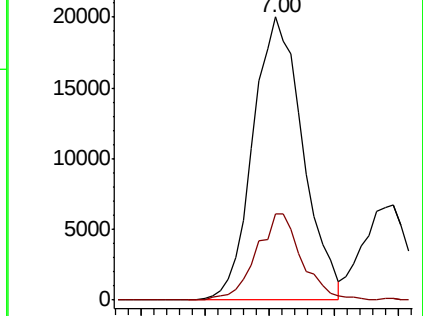
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 2.250 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000241.D

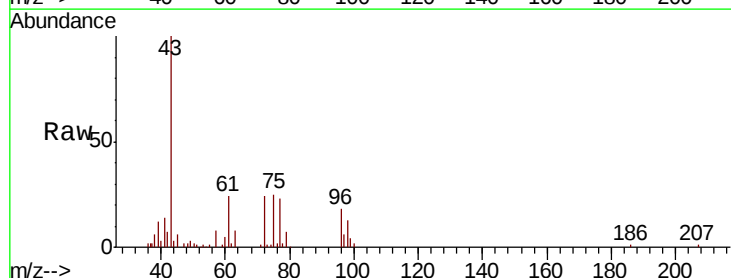
Acq: 09 Oct 2019 14:22

Tgt Ion: 77 Resp: 12195

Ion Ratio Lower Upper

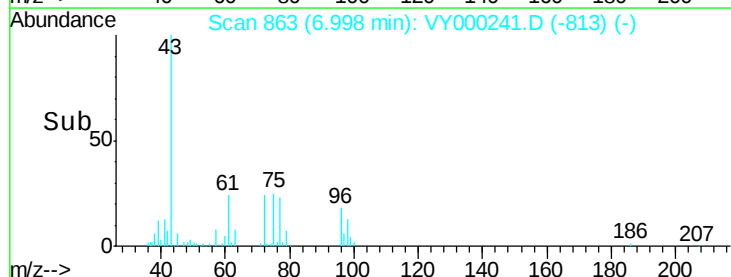
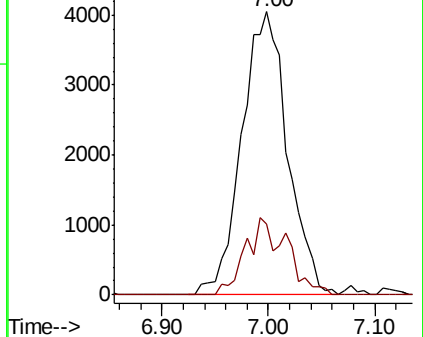
77 100

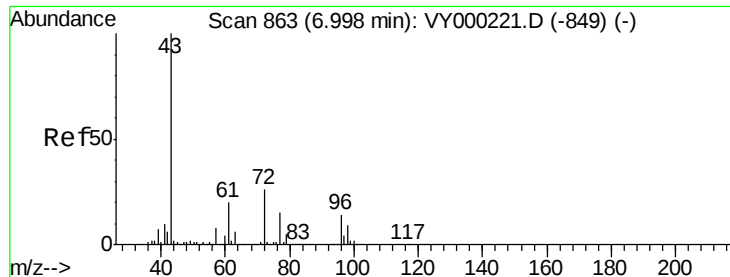
97 24.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





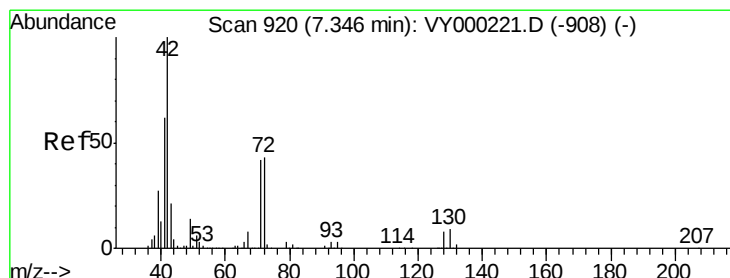
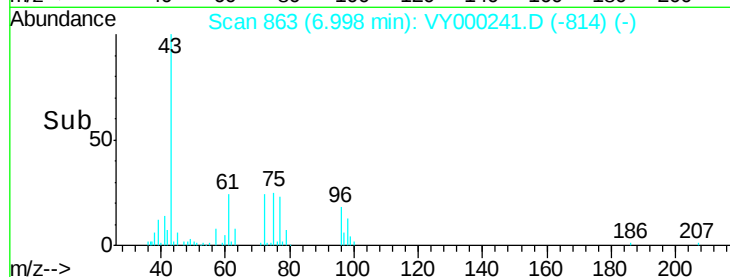
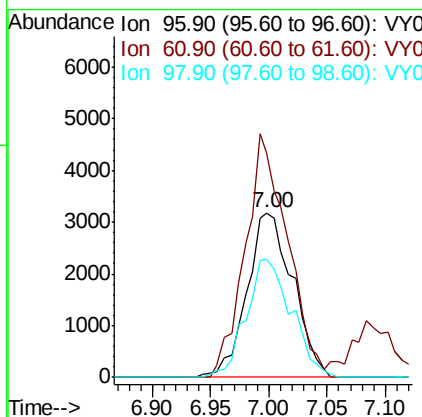
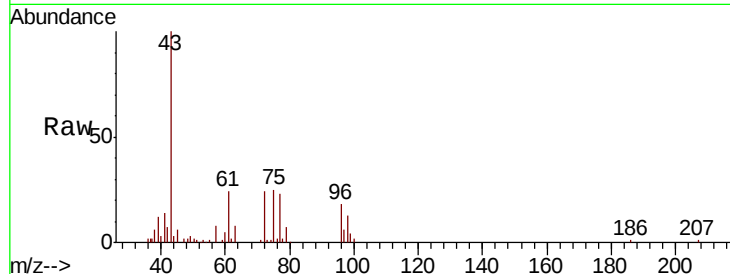
#27
 cis-1,2-Dichloroethene
 Concen: 2.168 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.8	0.0	282.6
98	71.4	0.0	129.8

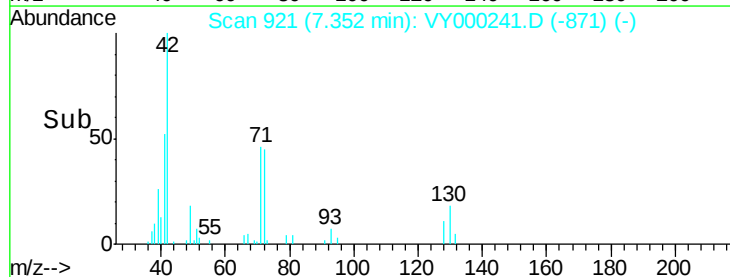
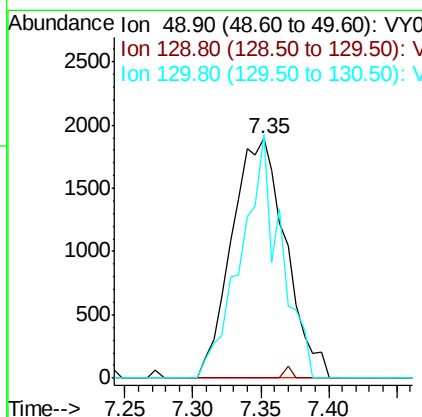
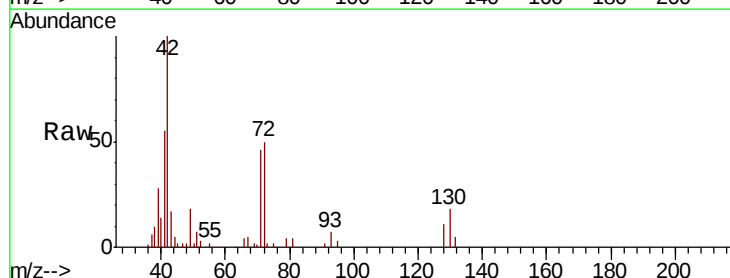
Manual Integrations
 APPROVED

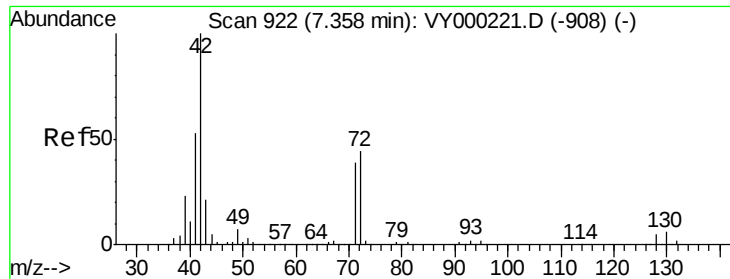
MMDadoda
 10/11/2019 8:40:39 AM



#28
 Bromochloromethane
 Concen: 2.644 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.2
130	74.7	56.5	84.7





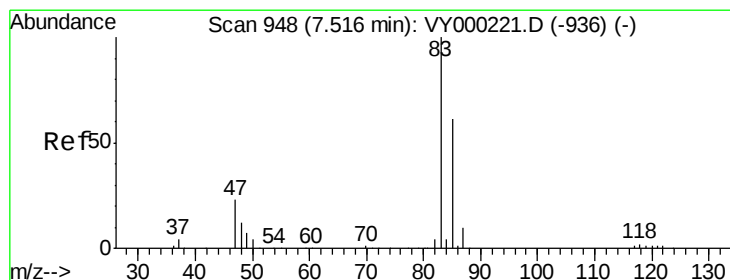
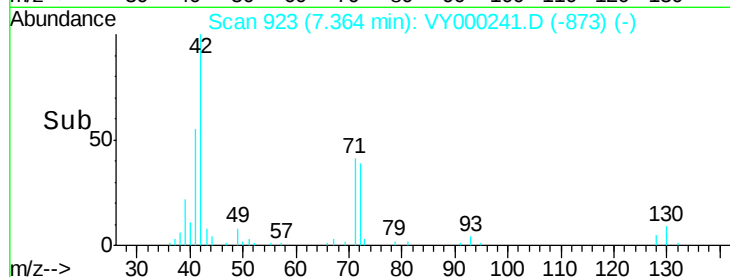
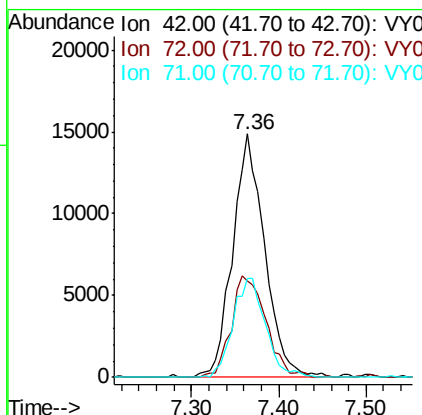
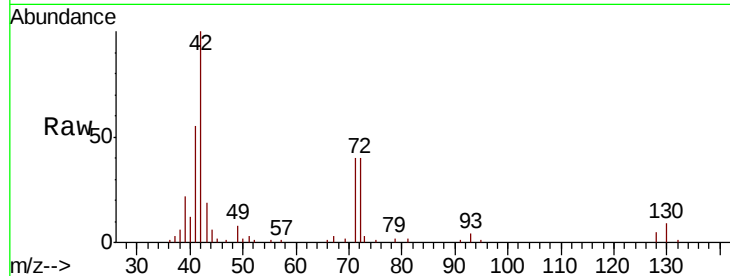
#29
Tetrahydrofuran
Concen: 10.380 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	34.6	51.8
71	41.3	31.9	47.9

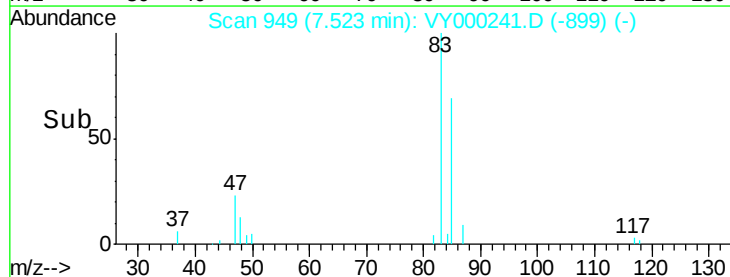
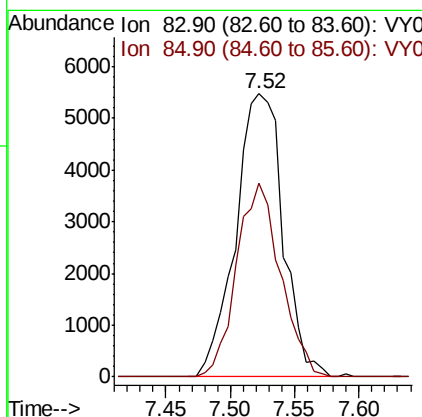
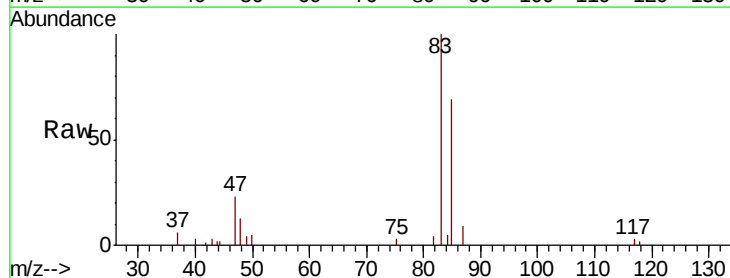
Manual Integrations
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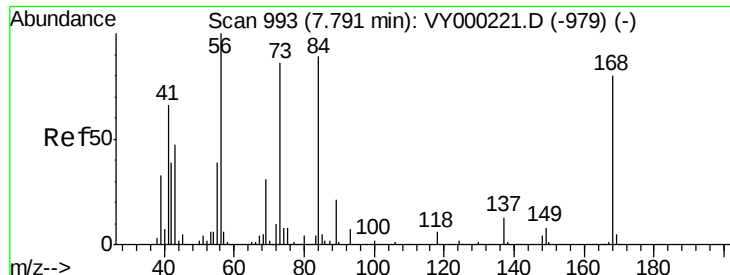
MMDadoda
10/11/2019 8:40:39 AM



#30
Chloroform
Concen: 2.235 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.7	48.9	73.3





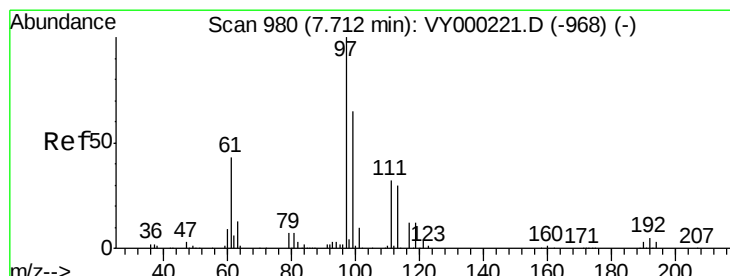
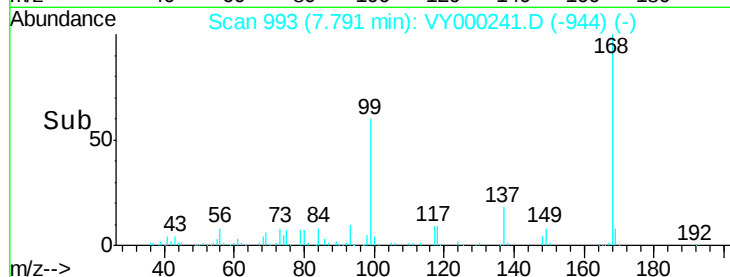
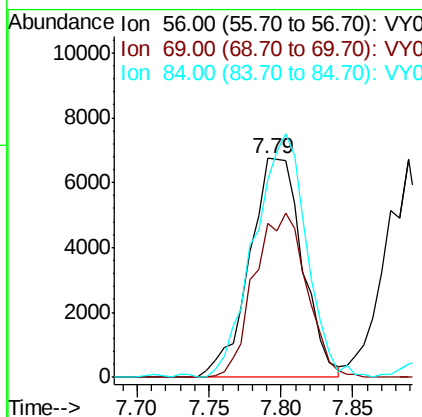
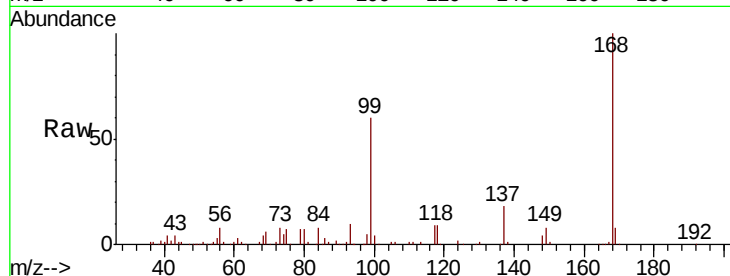
#31
Cyclohexane
Concen: 2.829 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
56	100		
69	70.6	24.7	37.1#
84	89.2	71.3	106.9

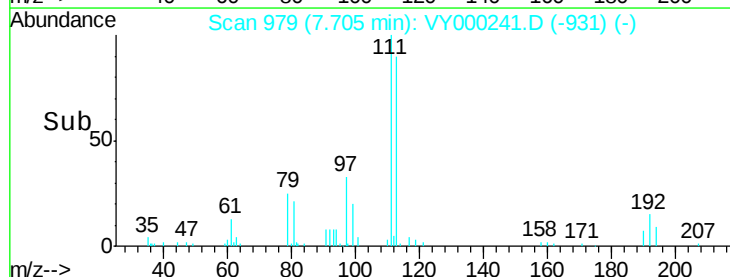
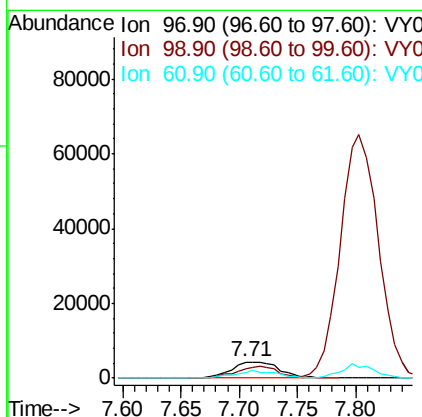
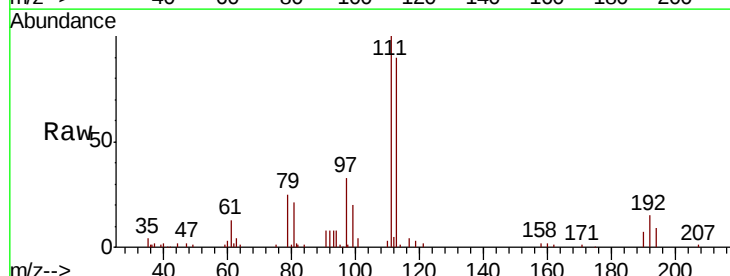
Manual Integrations
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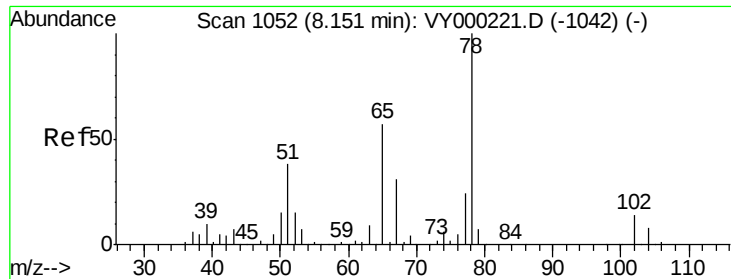
MMDadoda
10/11/2019 8:40:39 AM



#32
1,1,1-Trichloroethane
Concen: 2.326 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.4	77.2
61	41.8	34.2	51.4





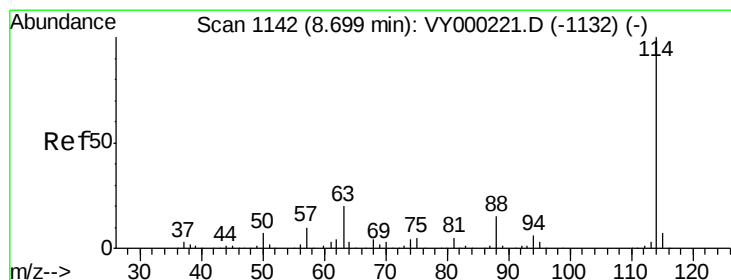
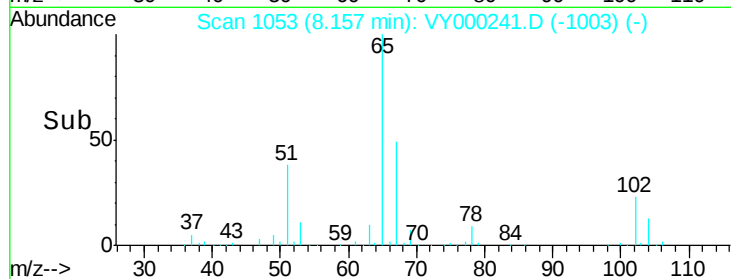
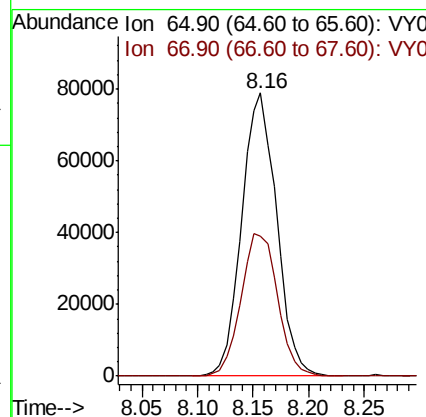
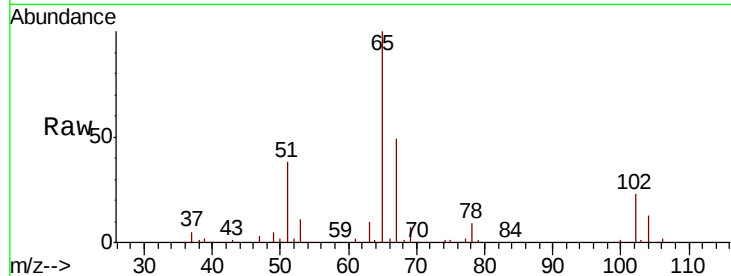
#33
 1,2-Dichloroethane-d4
 Concen: 48.713 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	171841		
67	52.9	0.0	109.0	

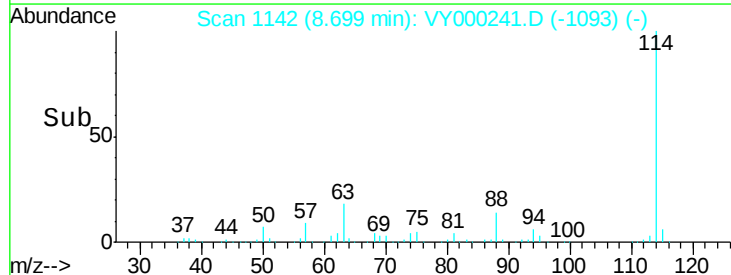
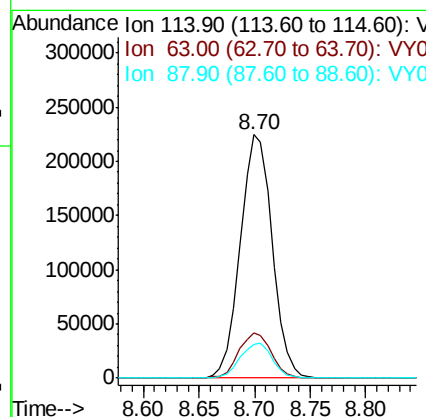
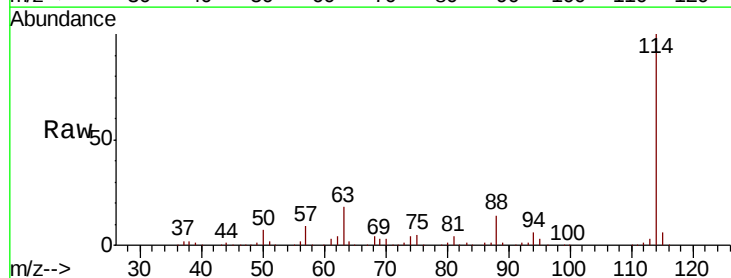
Manual Integrations
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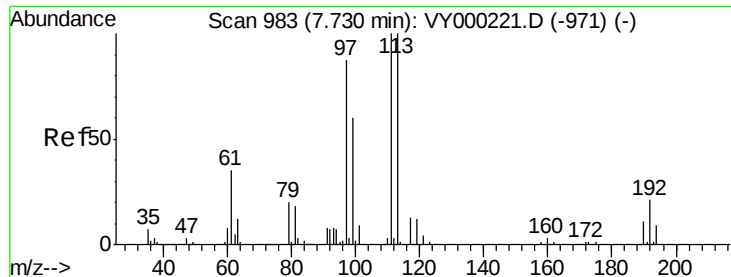
MMDadoda
 10/11/2019 8:40:39 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	445788		
63	18.5	0.0	39.0	
88	14.0	0.0	30.6	





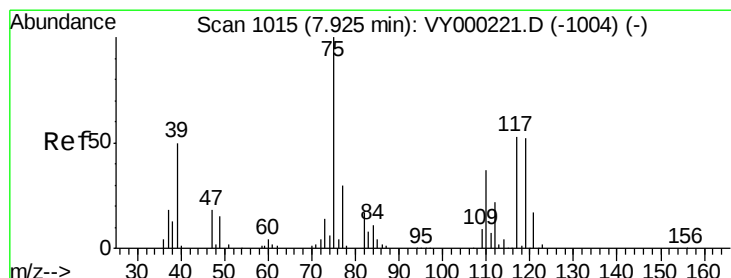
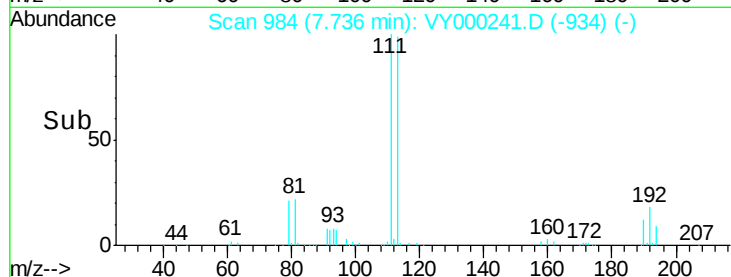
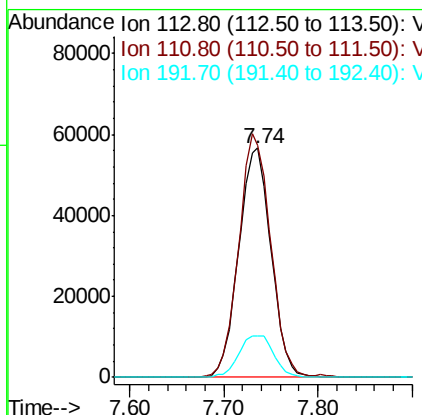
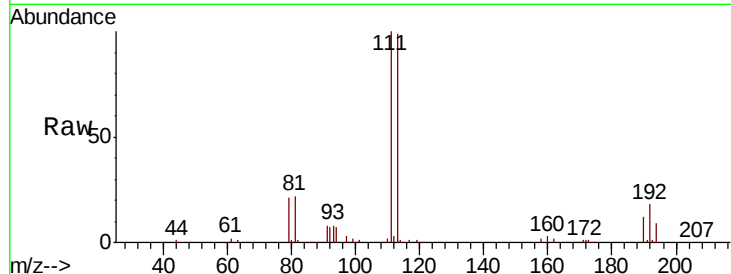
#35
Dibromofluoromethane
Concen: 48.653 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.01 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.7	82.6	124.0	
192	19.7	15.8	23.8	

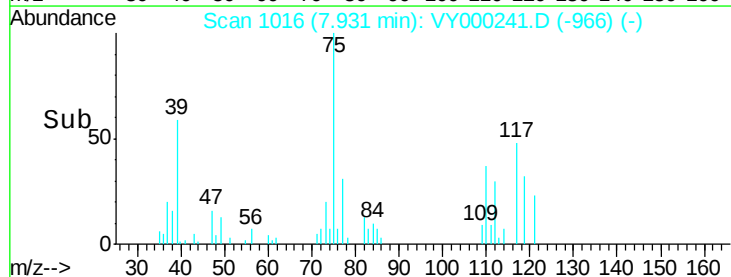
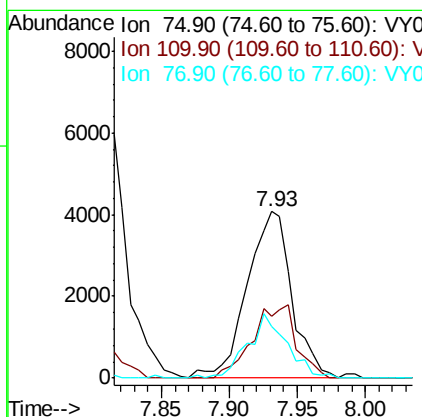
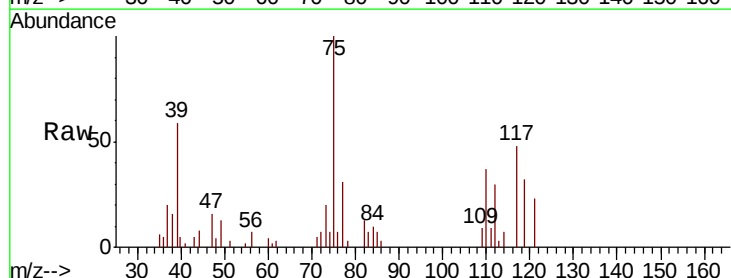
Manual Integrations
APPROVED

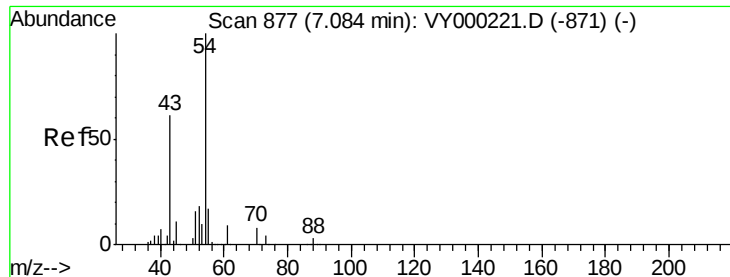
MMDadoda
10/11/2019 8:40:39 AM



#36
1,1-Dichloropropene
Concen: 2.066 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	43.3	18.4	55.2	
77	33.9	24.7	37.1	





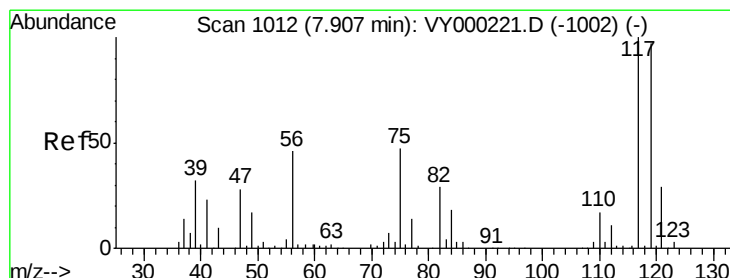
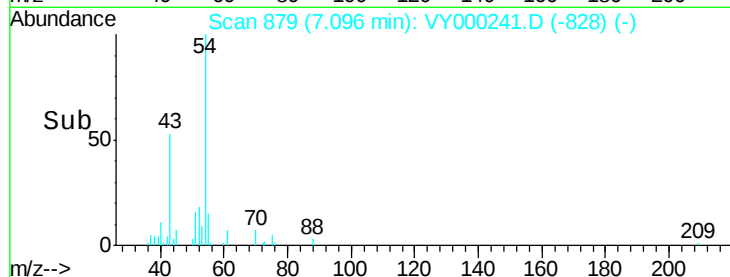
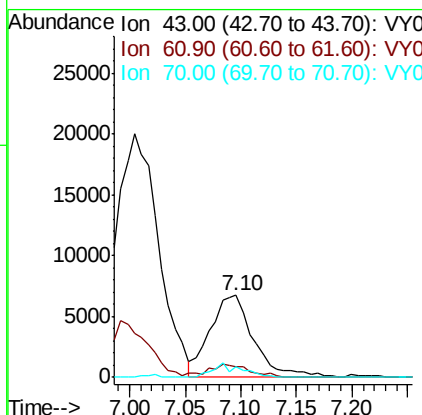
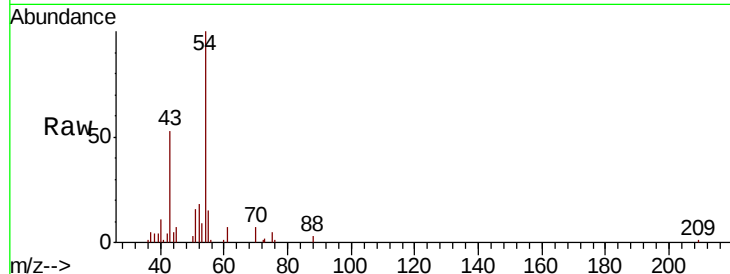
#37
Ethyl Acetate
Concen: 2.238 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.01 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.1	16.7
70	11.5	8.5	12.7

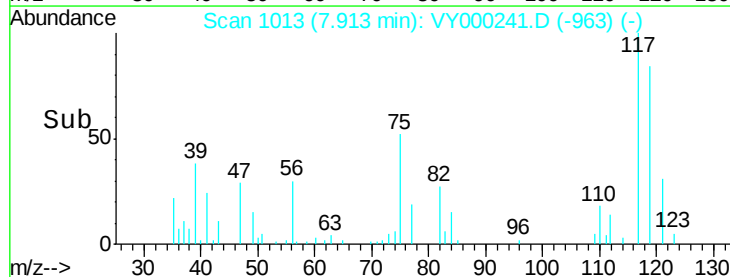
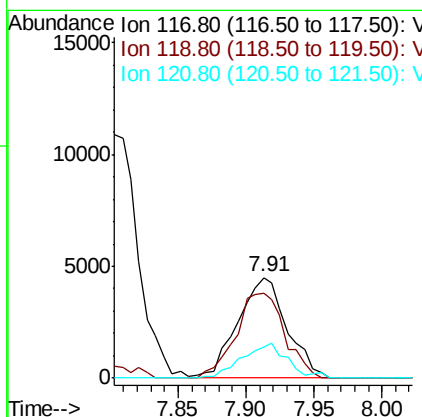
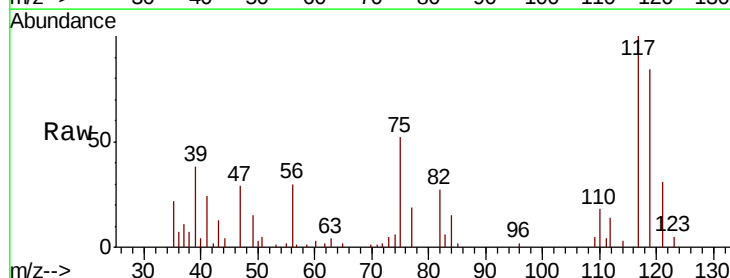
Manual Integrations
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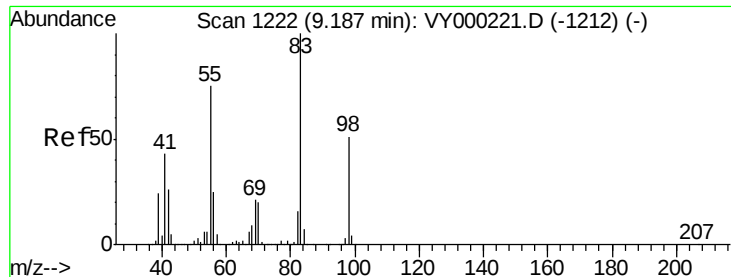
MMDadoda
10/11/2019 8:40:39 AM



#38
Carbon Tetrachloride
Concen: 2.585 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	84.2	77.2	115.8
121	30.7	23.1	34.7





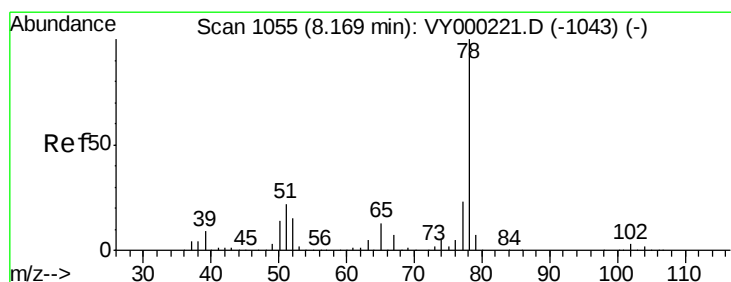
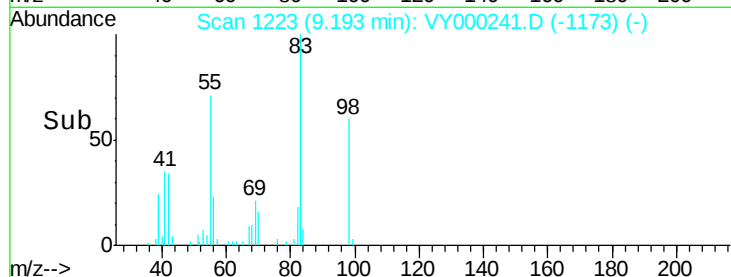
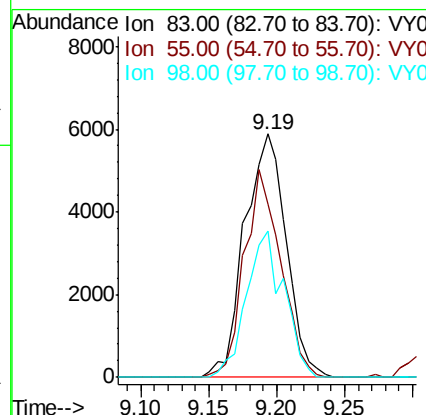
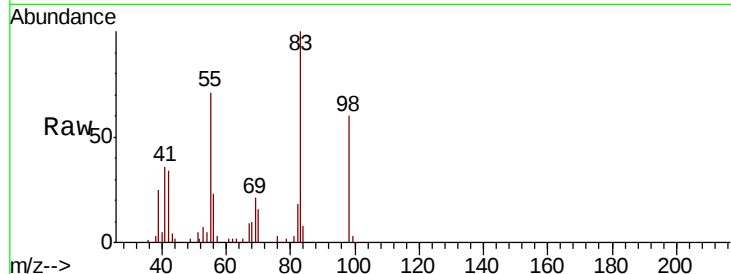
#39
Methvlcvclohexane
Concen: 2.214 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	83	Resp	12598
Ion	Ratio	Lower	Upper
83	100		
55	71.0	60.2	90.4
98	60.0	40.5	60.7

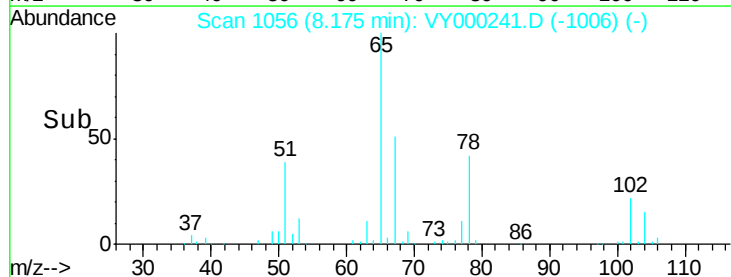
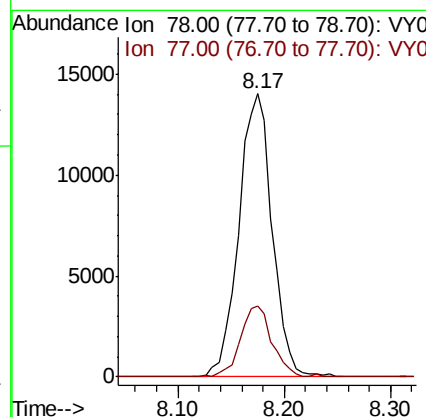
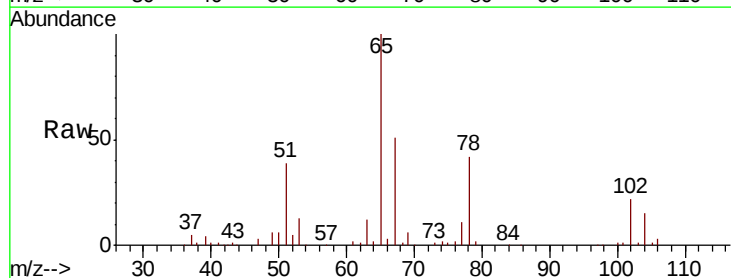
Manual Integrations
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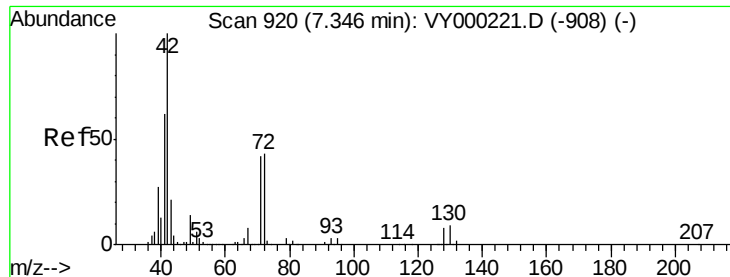
MMDadoda
10/11/2019 8:40:39 AM



#40
Benzene
Concen: 2.235 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion	78	Resp	30759
Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.6	28.0





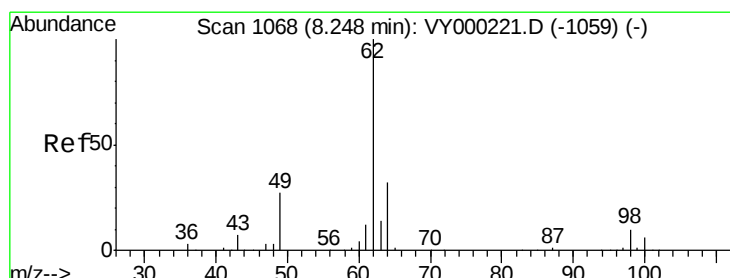
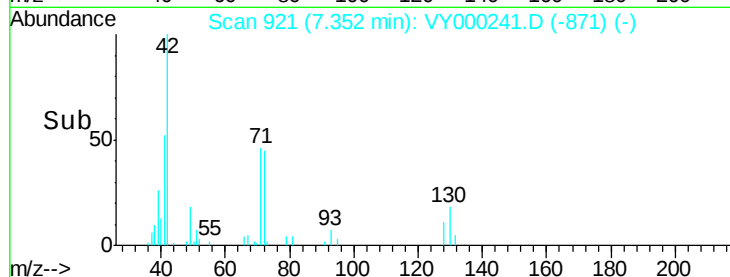
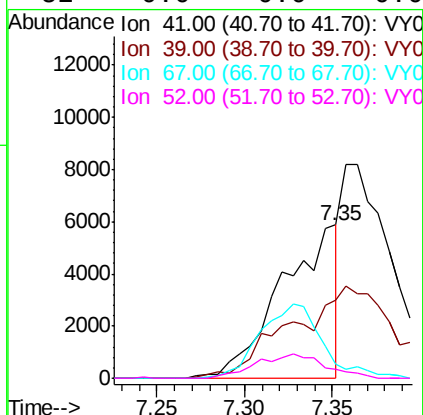
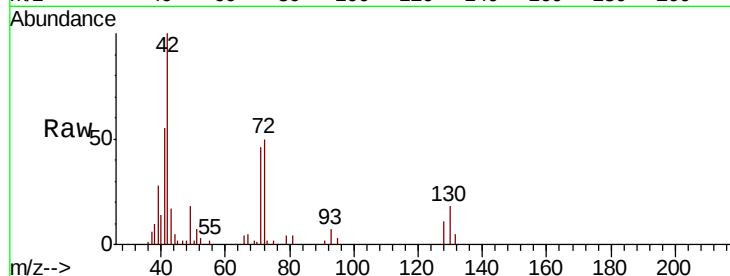
#41
Methacrylonitrile
Concen: 2.065 ug/l m
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion:	41	Resp:	13331
Ion	Ratio	Lower	Upper
41	100		
39	104.4	74.7	112.1
67	0.0	0.0	0.0
52	0.0	0.0	0.0

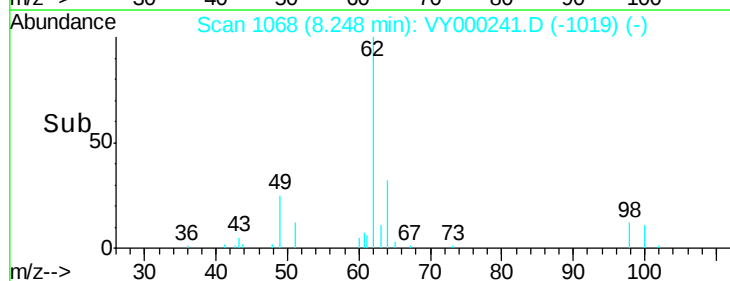
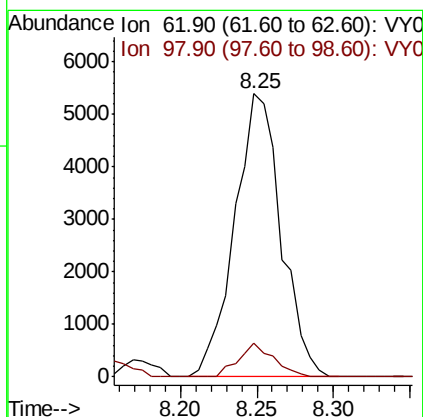
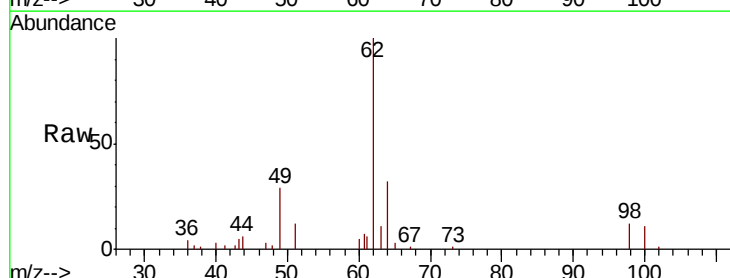
Manual Integrations
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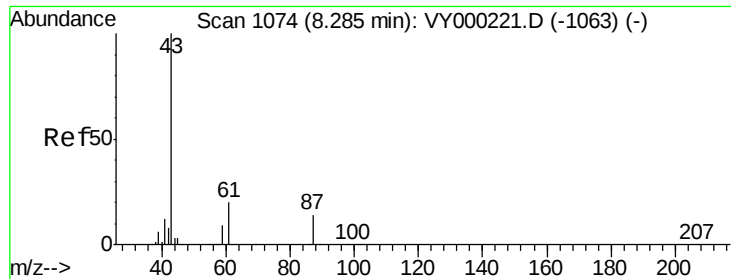
MMDadoda
10/11/2019 8:40:39 AM



#42
1,2-Dichloroethane
Concen: 2.542 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion:	62	Resp:	11361
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.0





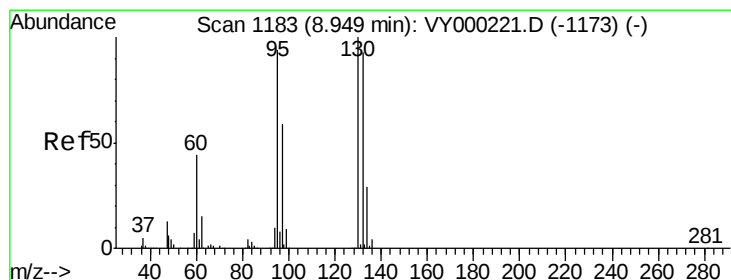
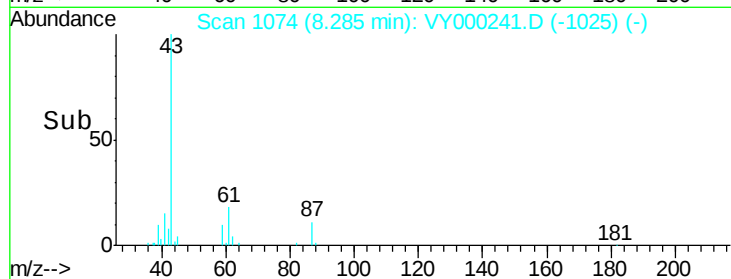
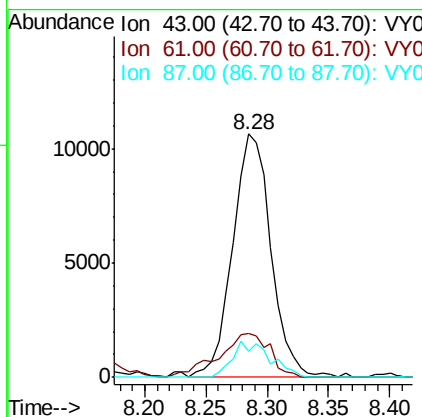
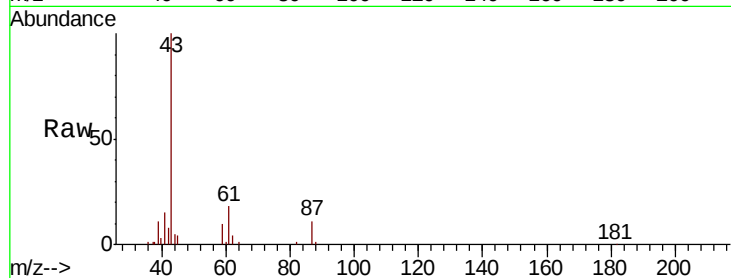
#43
Isopropyl Acetate
Concen: 2.195 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampled :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.9	20.1	30.1
87	14.4	10.6	15.8

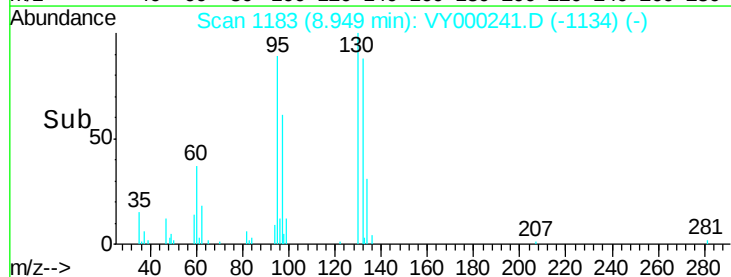
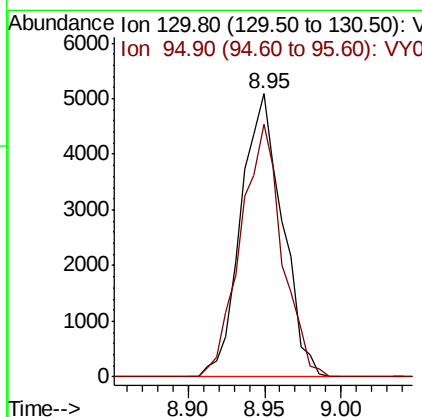
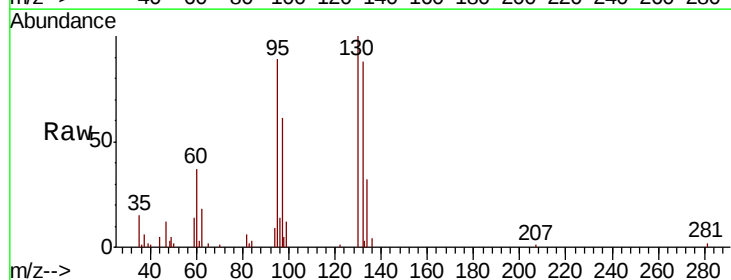
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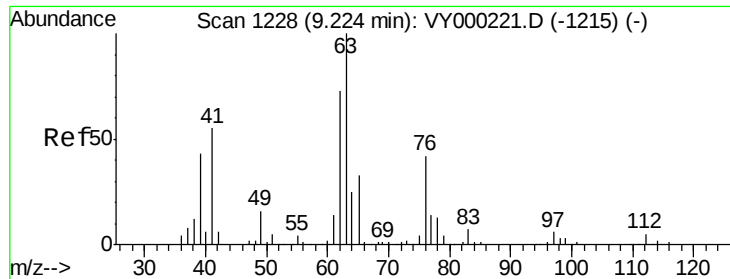
MMDadoda
10/11/2019 8:40:39 AM



#44
Trichloroethene
Concen: 2.568 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.3	0.0	189.0





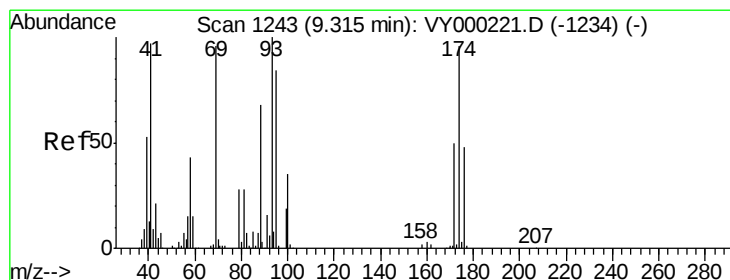
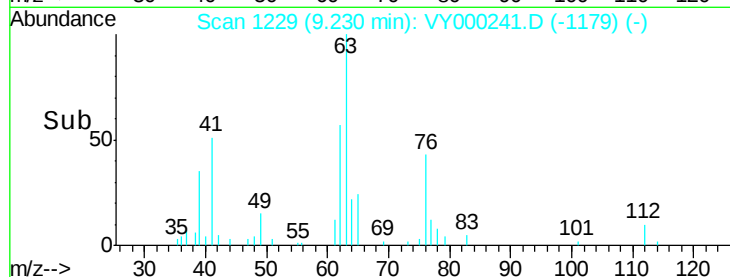
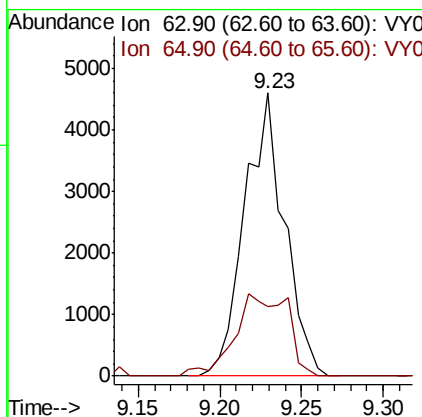
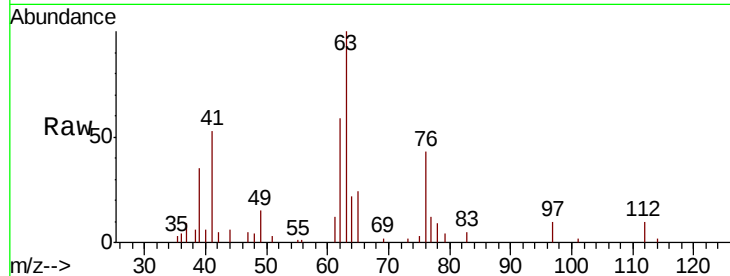
#45
 1,2-Dichloropropane
 Concen: 2.266 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
63	100		
65	24.4	26.6	39.8#

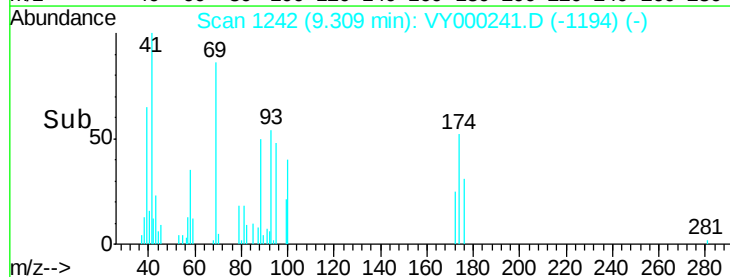
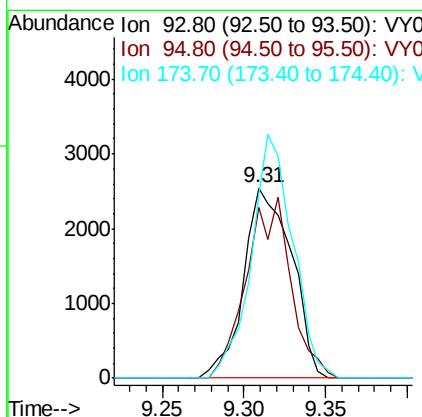
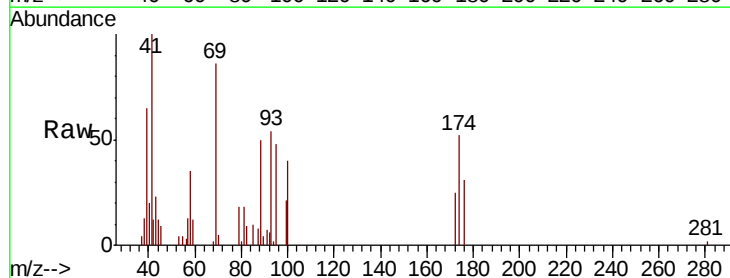
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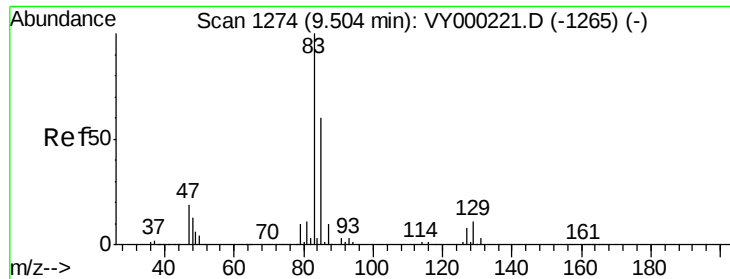
MMDadoda
 10/11/2019 8:40:39 AM



#46
 Dibromomethane
 Concen: 2.140 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	88.1	67.0	100.6
174	111.0	77.5	116.3





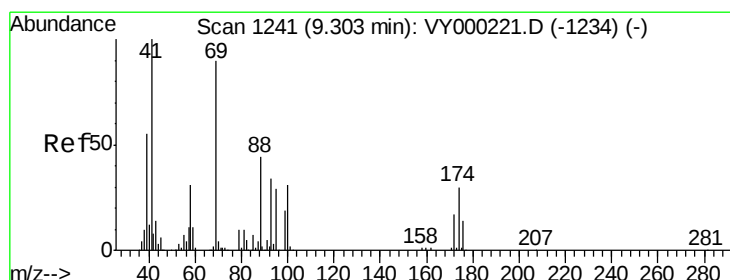
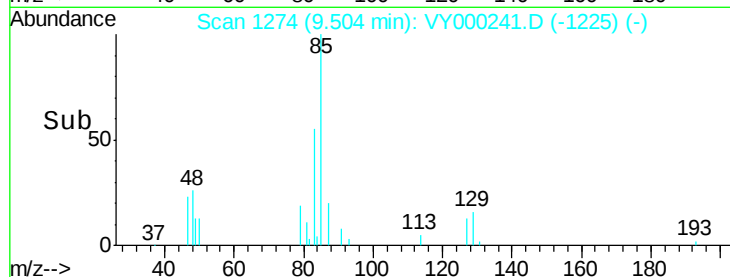
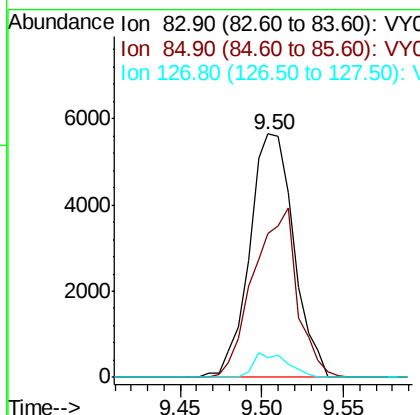
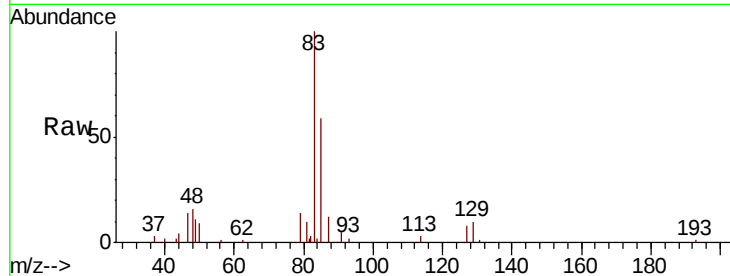
#47
Bromodichloromethane
Concen: 2.245 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	83	Resp	10610
Ion Ratio	100	Lower	Upper
83	100		
85	59.1	48.0	72.0
127	7.9	6.5	9.7

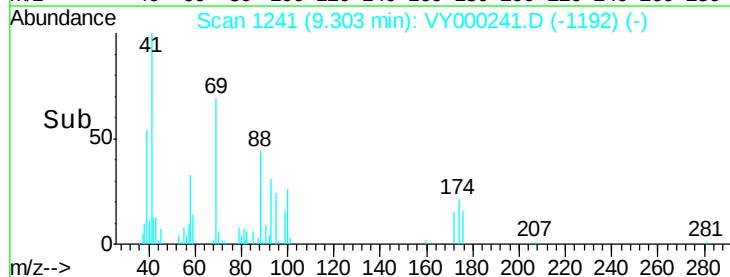
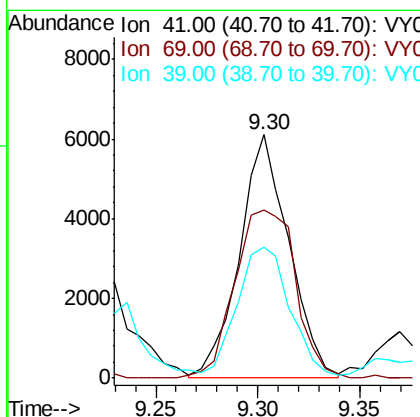
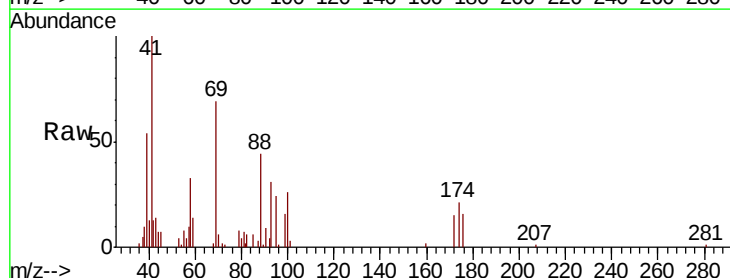
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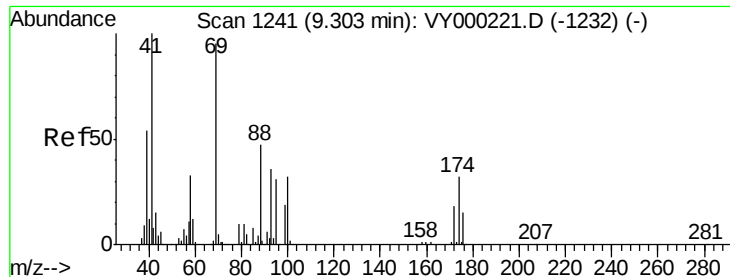
MMDadoda
10/11/2019 8:40:39 AM



#48
Methyl methacrylate
Concen: 2.160 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion	41	Resp	10289
Ion Ratio	100	Lower	Upper
41	100		
69	84.7	70.3	105.5
39	58.4	45.5	68.3





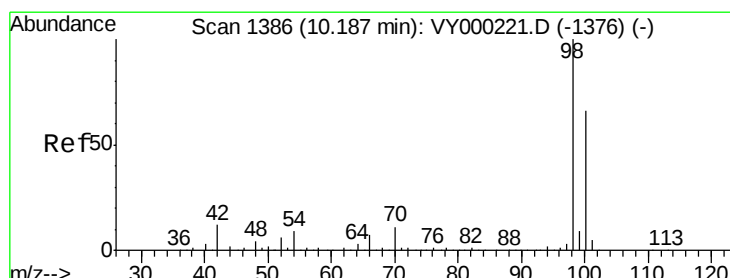
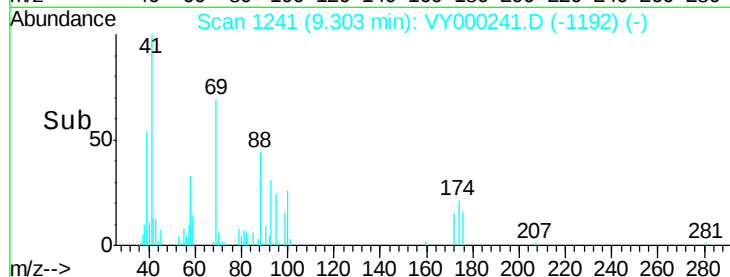
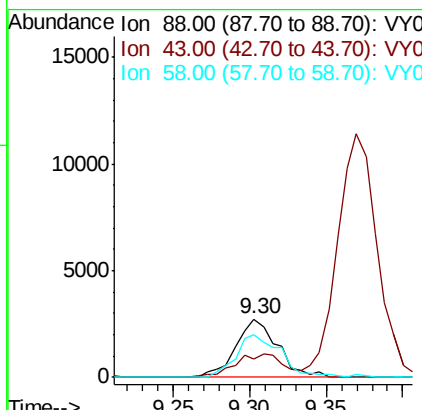
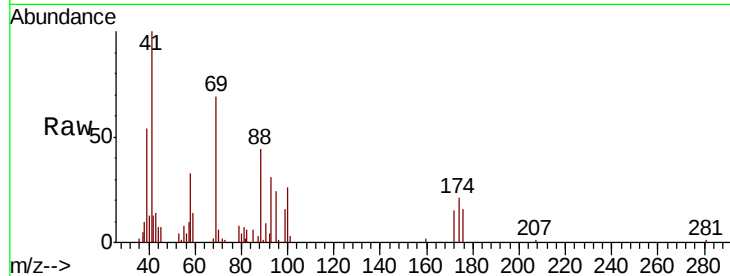
#49
1,4-Dioxane
Concen: 42.308 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	88	Resp	5174
Ion Ratio	Lower	Upper	
88	100		
43	47.7	24.5	36.7#
58	79.2	54.2	81.2

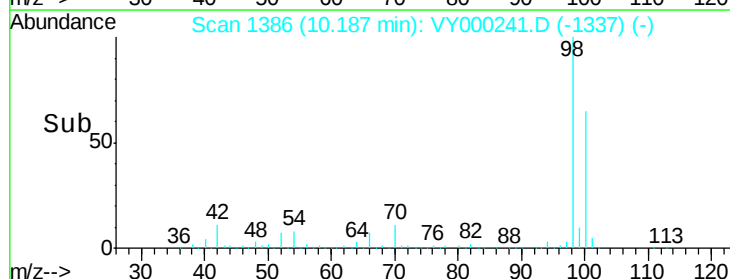
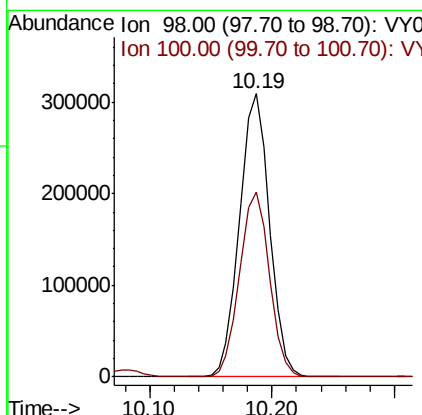
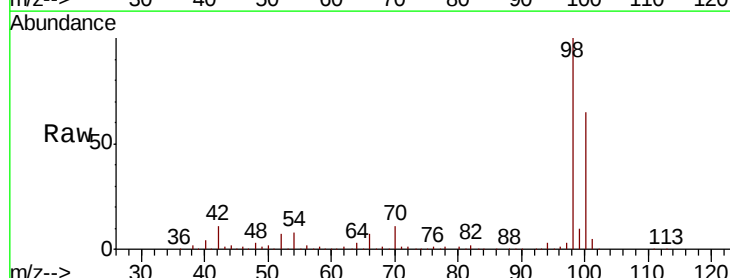
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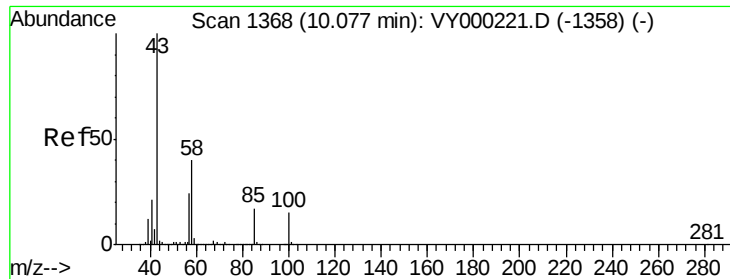
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#50
Toluene-d8
Concen: 48.206 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion	98	Resp	525968
Ion Ratio	Lower	Upper	
98	100		
100	65.2	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 10.670 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Instrument :

MSVOA_Y

ClientSampled :

2.5PPBMDL

Tot Ion: 43 Resp: 84635

Ion Ratio Lower Upper

43 100

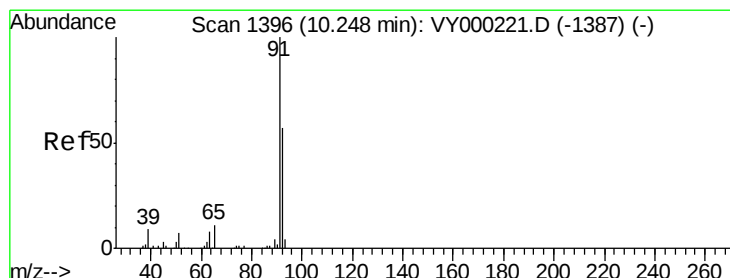
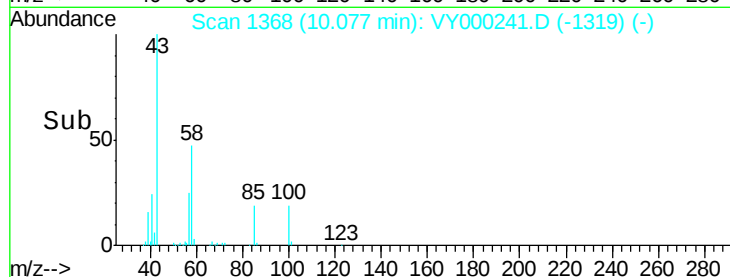
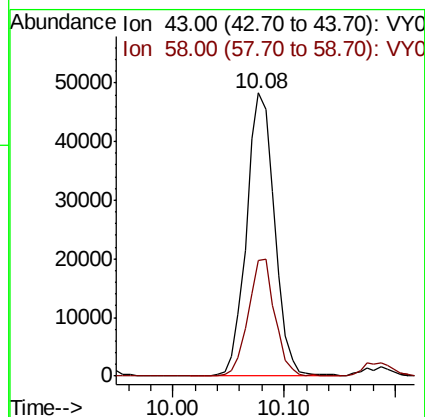
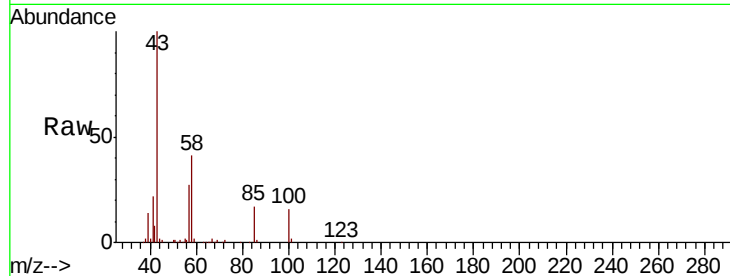
58 39.4 31.7 47.5

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#52

Toluene

Concen: 2.154 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000241.D

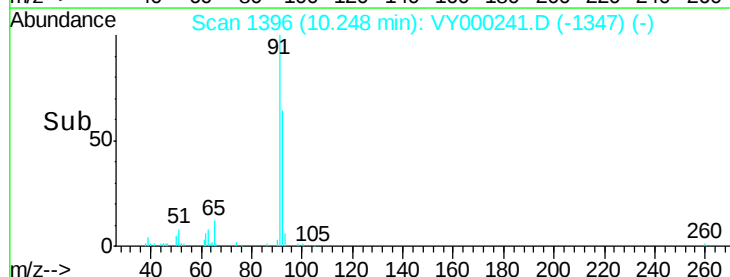
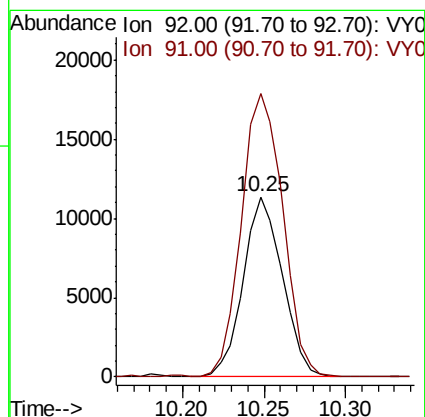
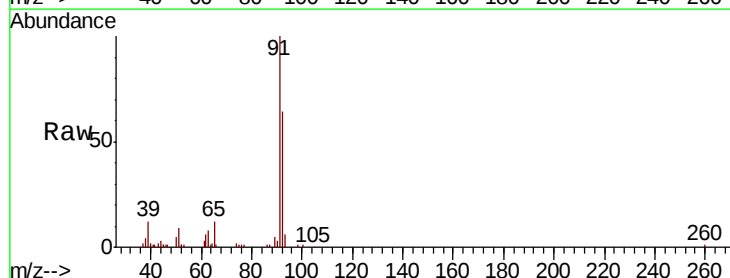
Acq: 09 Oct 2019 14:22

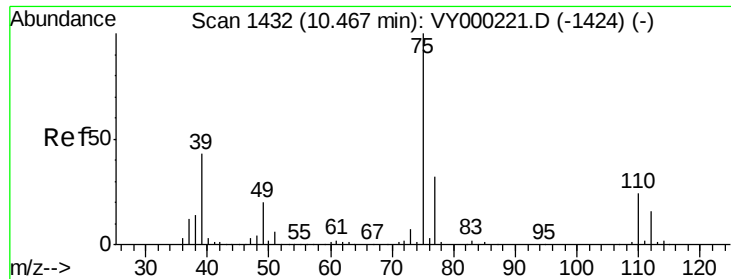
Tgt Ion: 92 Resp: 19010

Ion Ratio Lower Upper

92 100

91 166.2 139.1 208.7





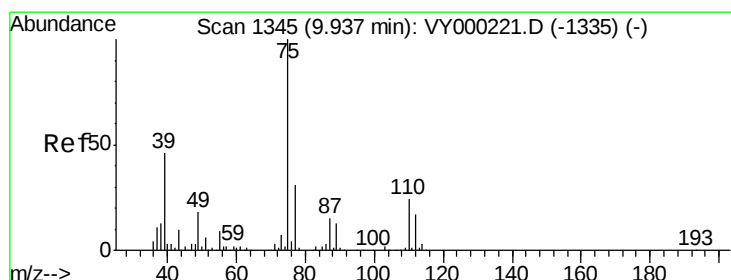
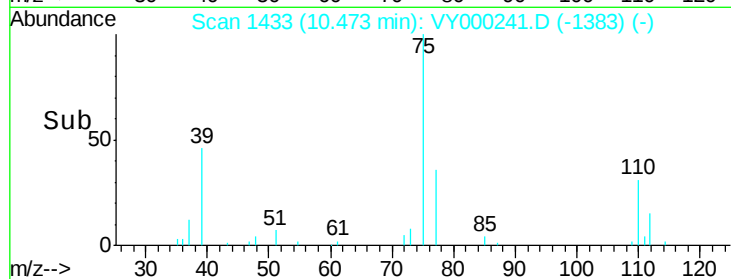
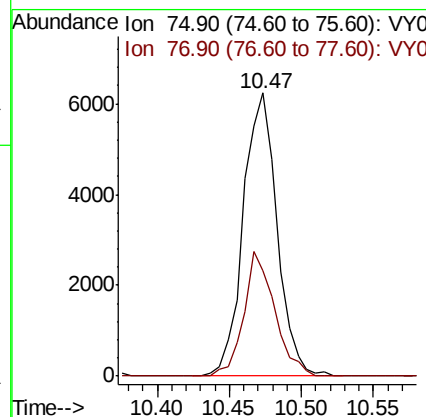
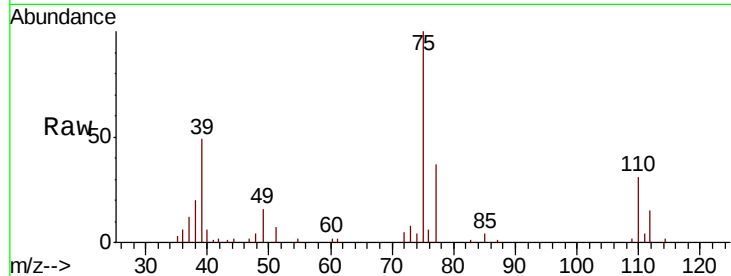
#53
 t-1,3-Dichloropropene
 Concen: 1.891 ug/l
 RT: 10.47 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion: 75 Resp: 10140
 Ion Ratio Lower Upper
 75 100
 77 37.1 25.3 37.9

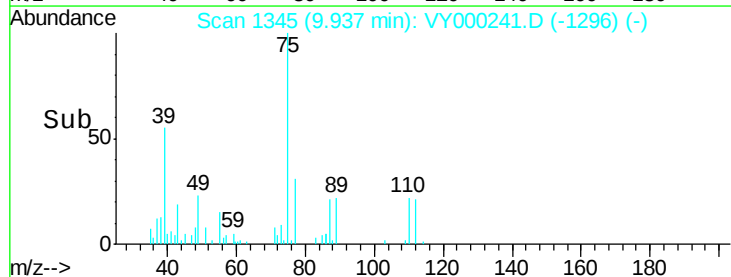
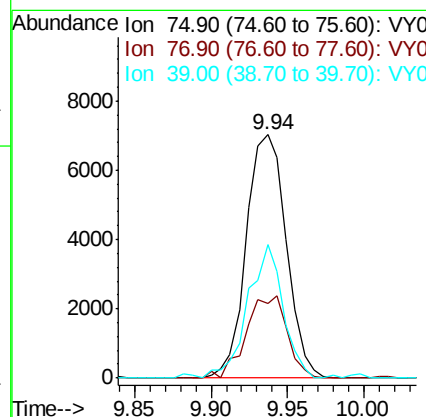
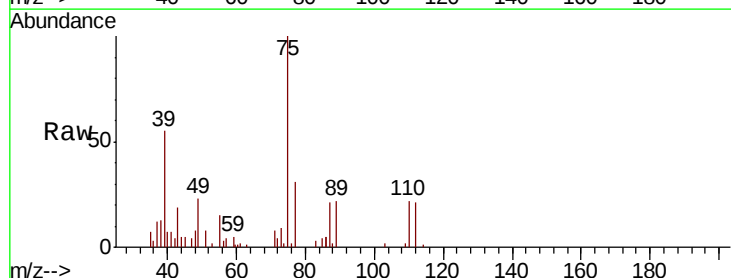
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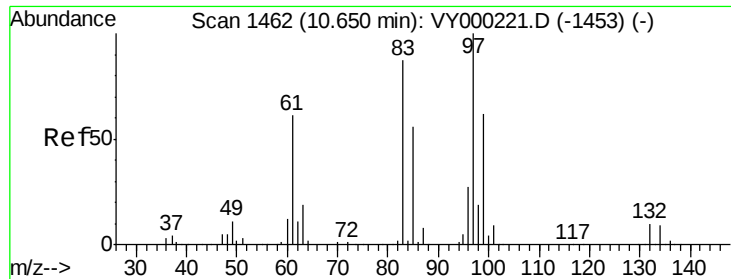
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#54
 cis-1,3-Dichloropropene
 Concen: 2.200 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Tgt Ion: 75 Resp: 12766
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.4
 39 54.6 36.3 54.5#





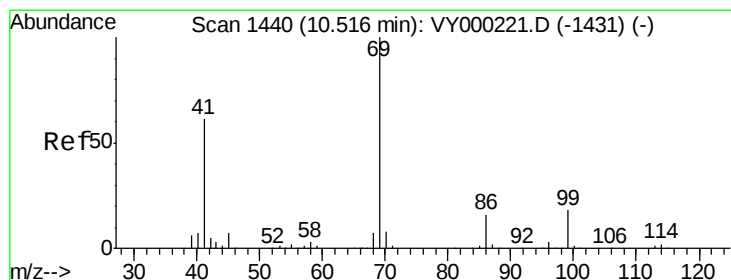
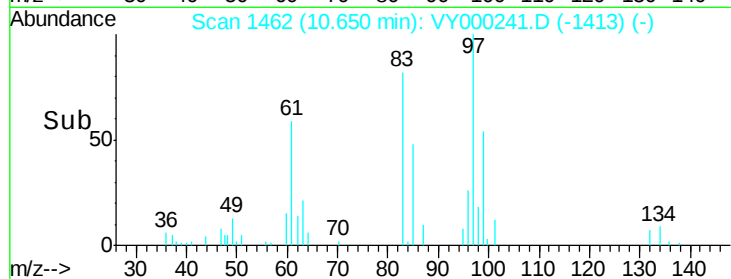
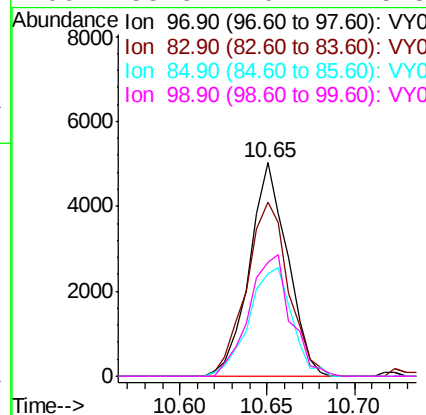
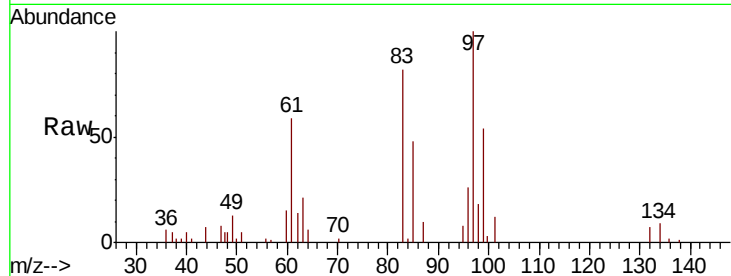
#55
 1,1,2-Trichloroethane
 Concen: 2.191 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion:	97	Resp:	7623
Ion	Ratio	Lower	Upper
97	100		
83	81.8	69.4	104.0
85	48.1	44.6	66.8
99	53.6	49.2	73.8

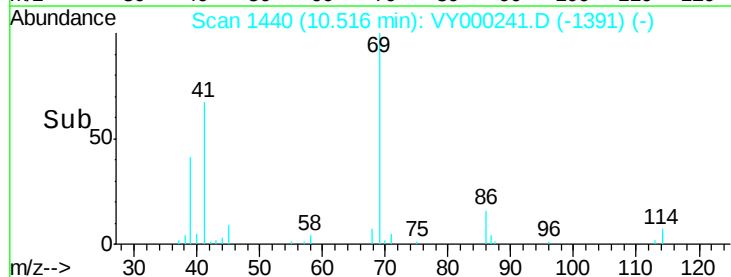
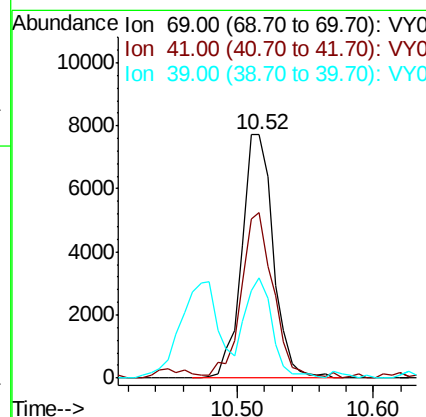
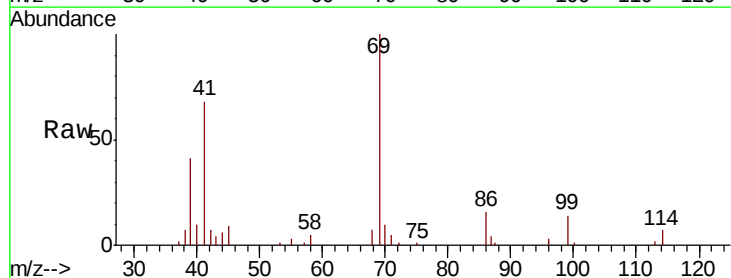
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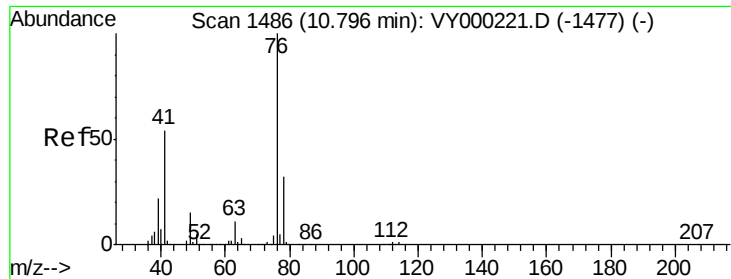
MMDadoda
 10/11/2019 8:40:39 AM



#56
 Ethyl methacrylate
 Concen: 2.032 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Tgt Ion:	69	Resp:	12448
Ion	Ratio	Lower	Upper
69	100		
41	67.2	51.2	76.8
39	35.9	27.0	40.4





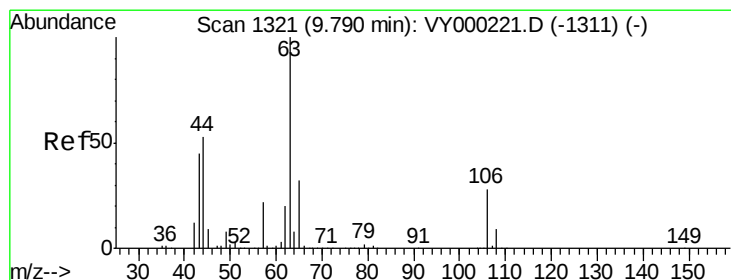
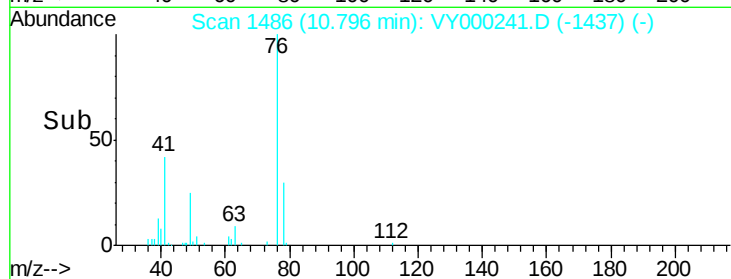
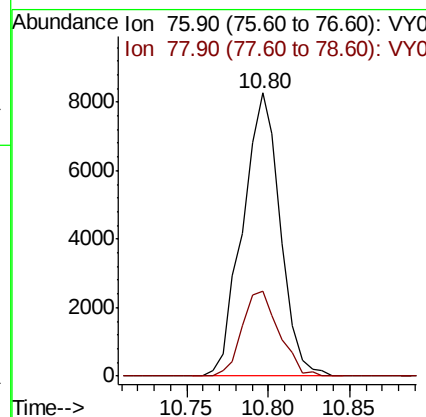
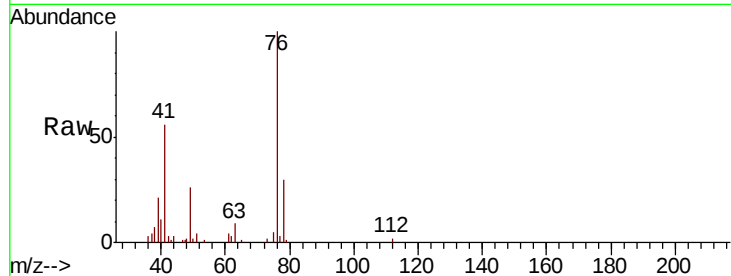
#57
 1,3-Dichloropropane
 Concen: 2.230 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion: 76 Resp: 13252
 Ion Ratio Lower Upper
 76 100
 78 29.6 26.0 39.0

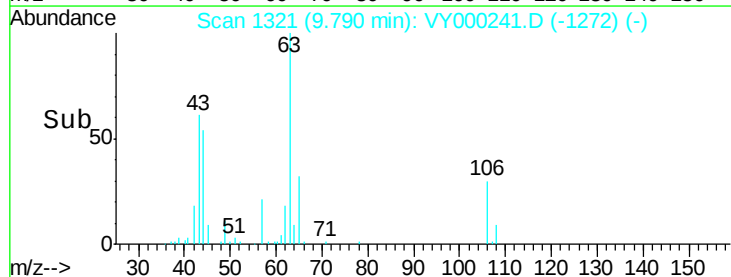
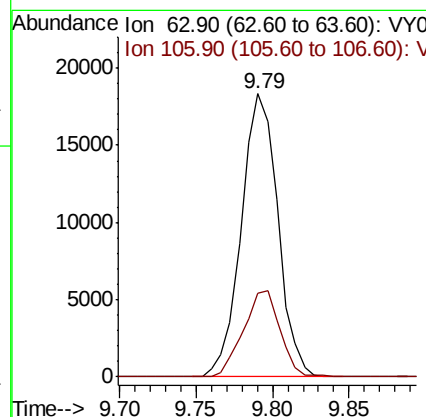
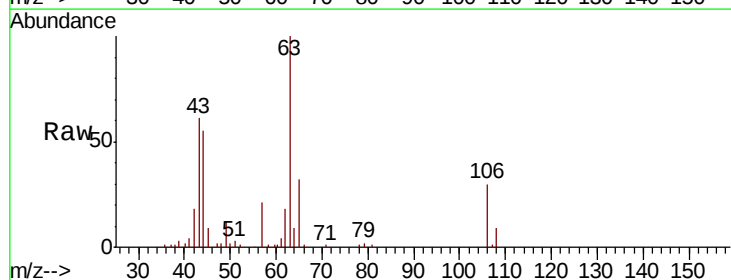
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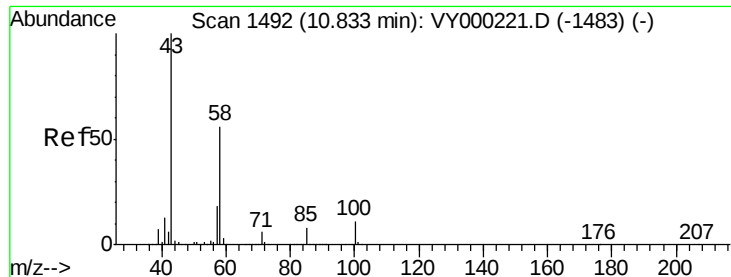
MMDadoda
 10/11/2019 8:40:39 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 11.157 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Tgt Ion: 63 Resp: 30467
 Ion Ratio Lower Upper
 63 100
 106 30.6 22.6 33.8





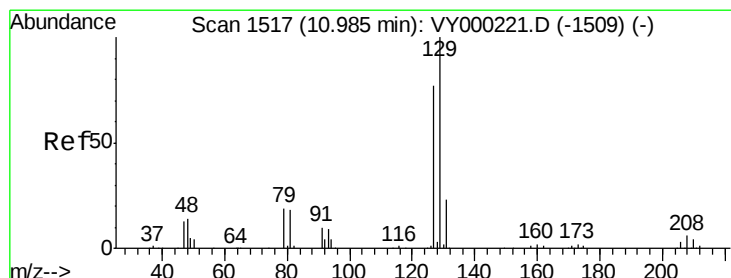
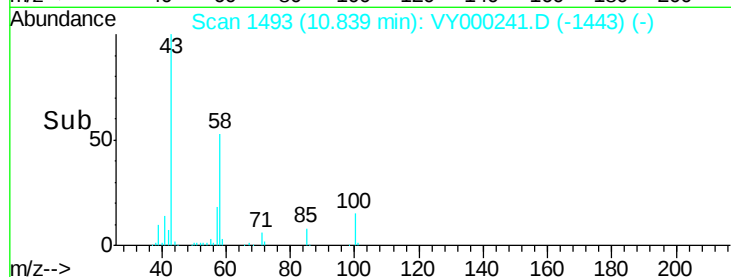
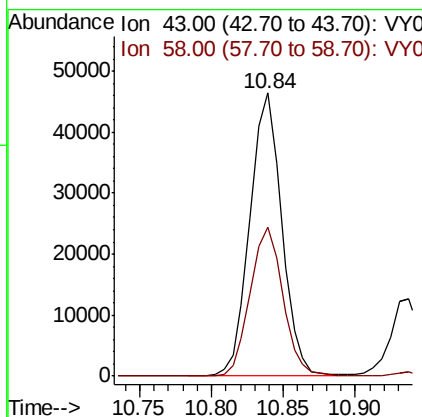
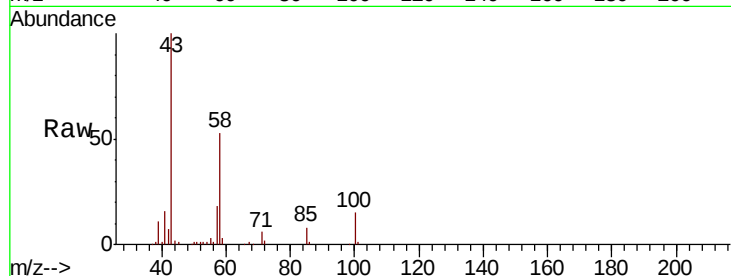
#59
2-Hexanone
Concen: 10.589 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion: 43 Resp: 71185
Ion Ratio Lower Upper
43 100
58 54.4 28.2 84.6

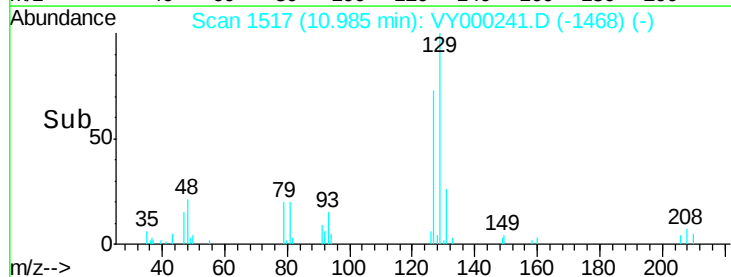
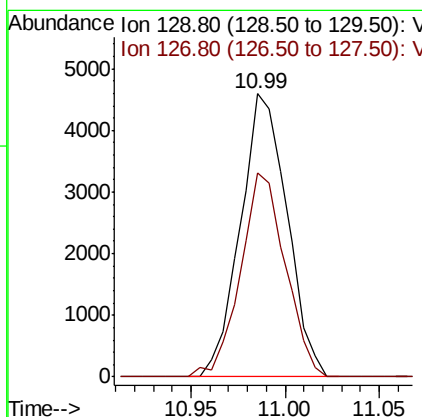
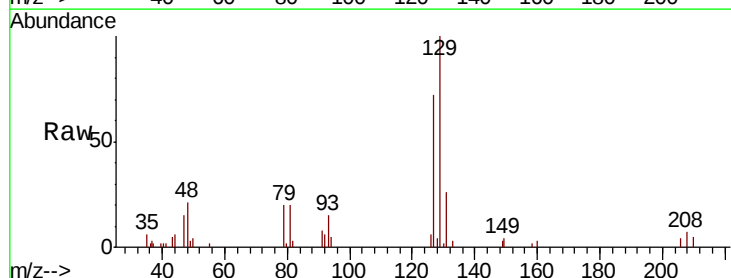
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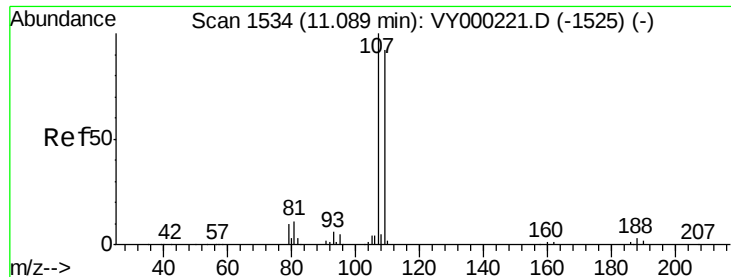
MMDadoda
10/11/2019 8:40:39 AM



#60
Dibromochloromethane
Concen: 2.143 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion: 129 Resp: 7885
Ion Ratio Lower Upper
129 100
127 69.0 39.1 117.2





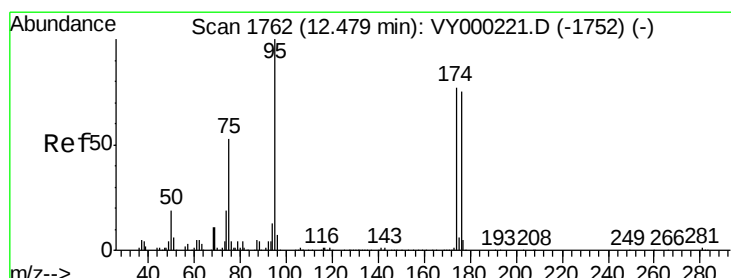
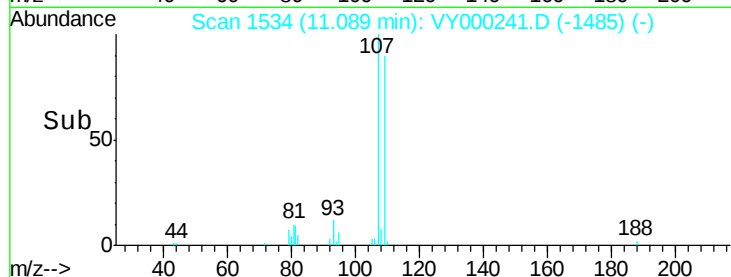
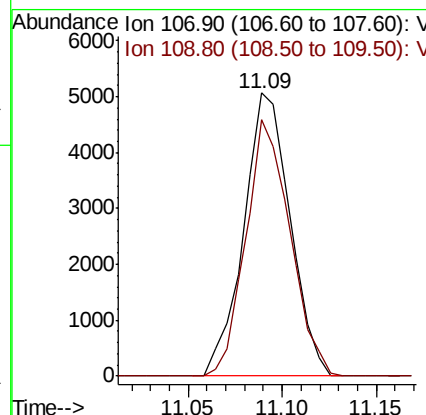
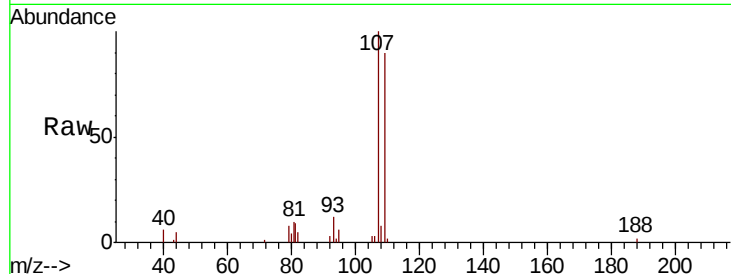
#61
 1,2-Dibromoethane
 Concen: 2.340 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
107	100		
109	86.4	75.0	112.6

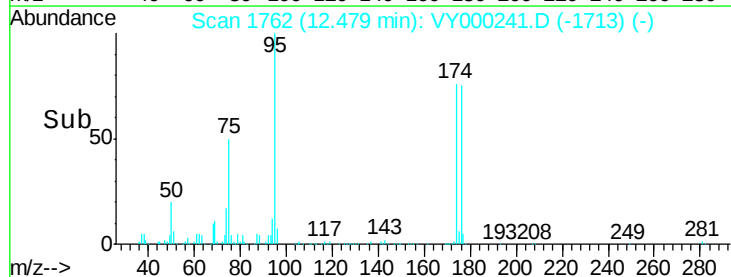
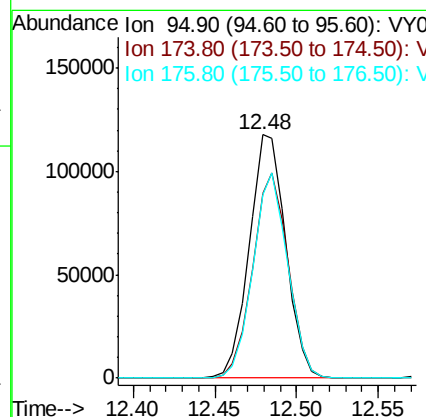
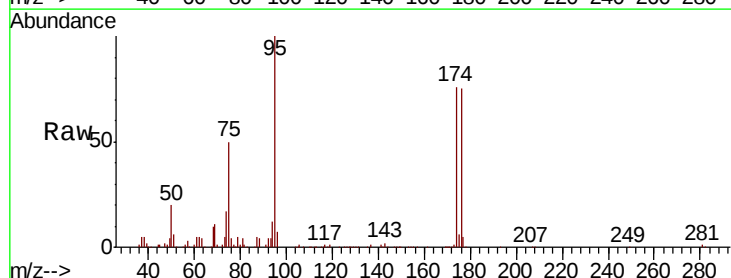
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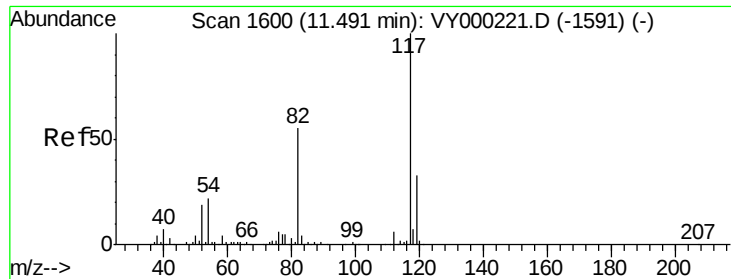
MMDadoda
 10/11/2019 8:40:39 AM



#62
 4-Bromofluorobenzene
 Concen: 47.571 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	157.0
176	80.4	0.0	153.0





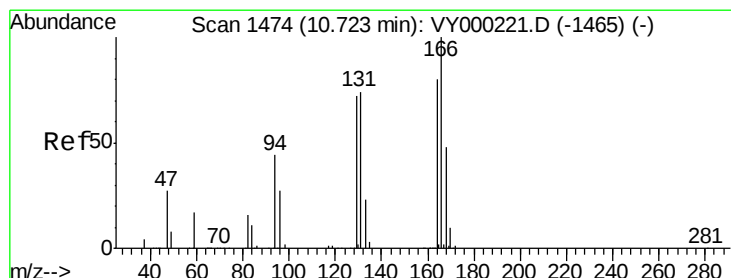
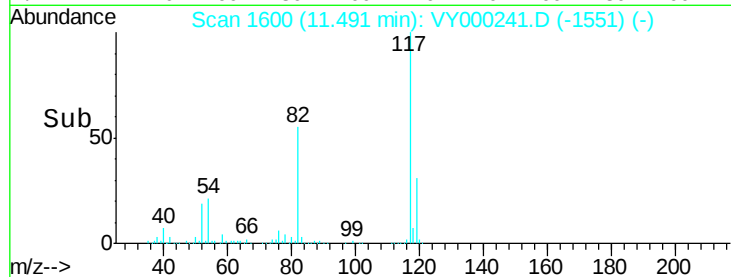
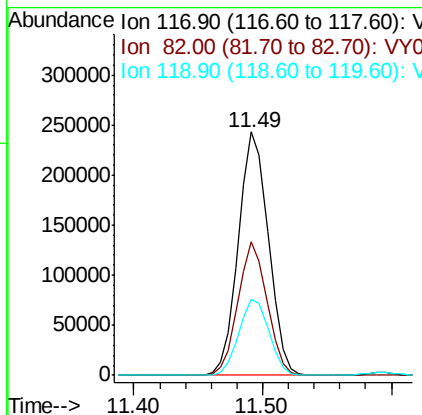
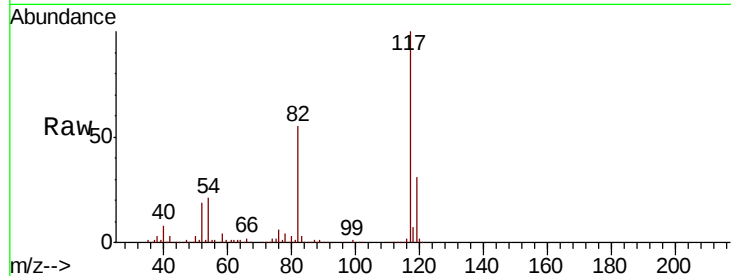
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.4	66.6
119	31.4	26.2	39.2

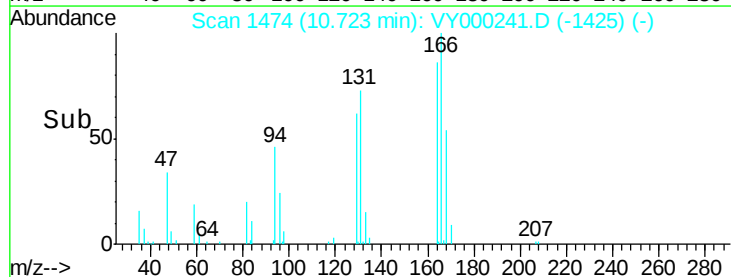
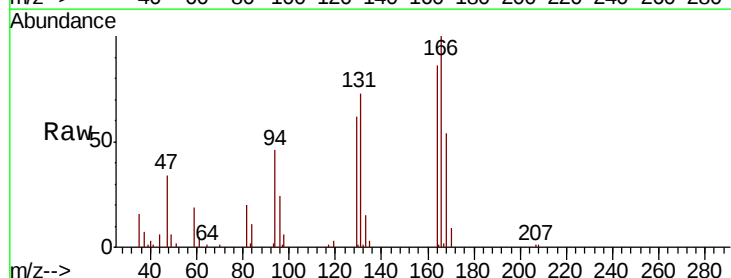
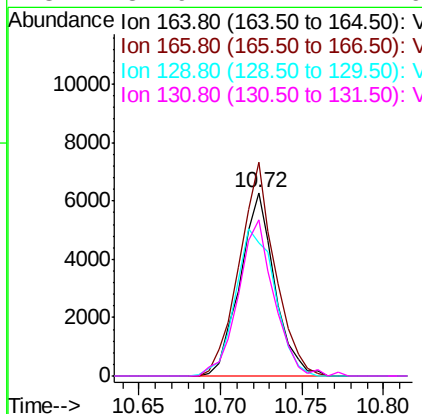
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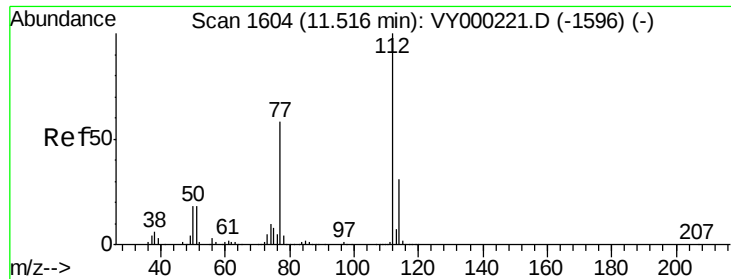
MMDadoda
10/11/2019 8:40:39 AM



#64
Tetrachloroethene
Concen: 2.599 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	116.3	100.3	150.5
129	72.2	72.4	108.6
131	84.9	74.4	111.6





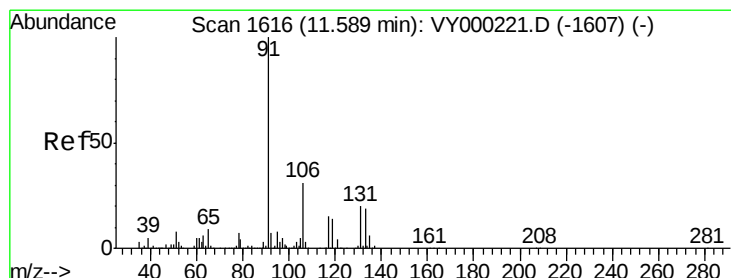
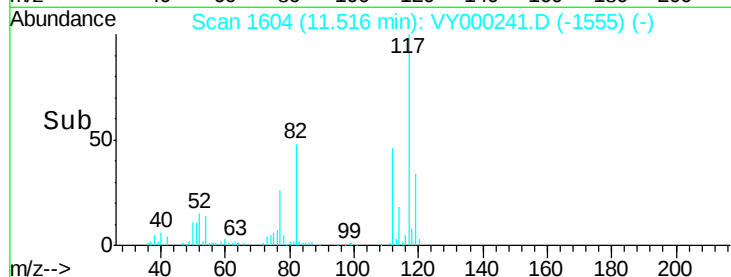
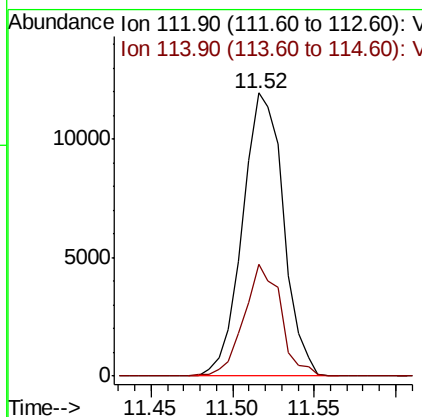
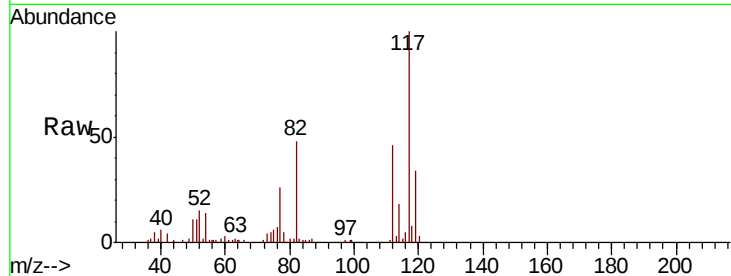
#65
Chlorobenzene
Concen: 2.294 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion:112 Resp: 20850
Ion Ratio Lower Upper
112 100
114 39.4 25.0 37.4#

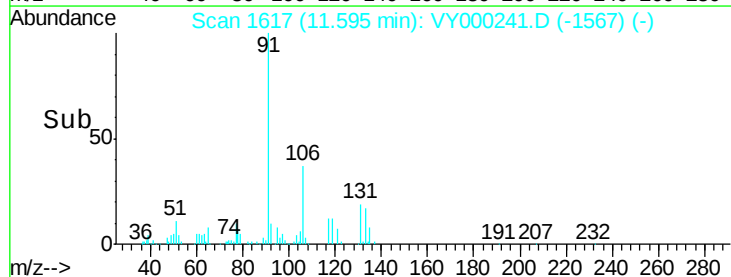
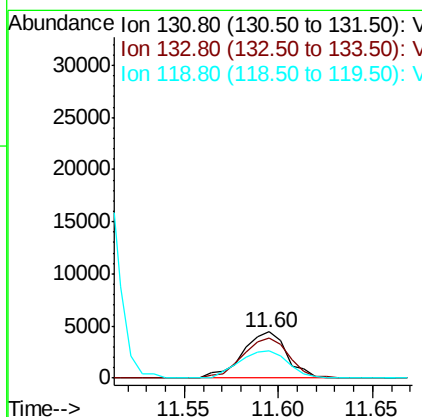
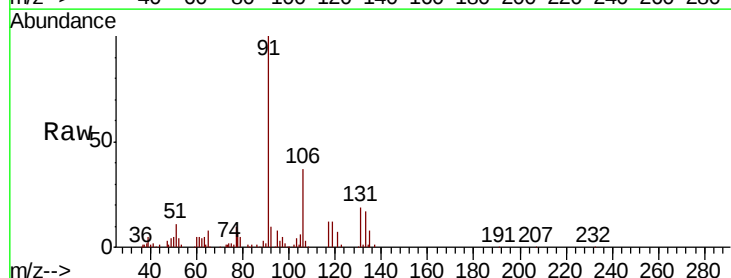
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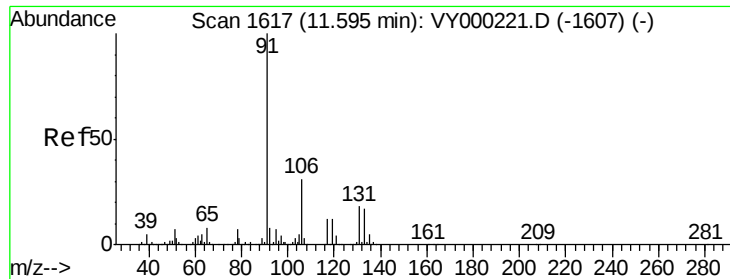
MMDadoda
10/11/2019 8:40:39 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 2.197 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion:131 Resp: 7139
Ion Ratio Lower Upper
131 100
133 91.5 47.0 141.2
119 66.6 33.3 99.8





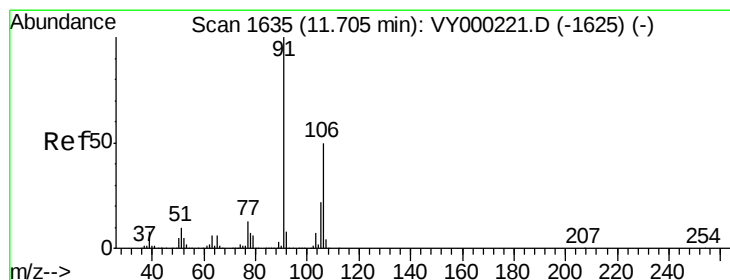
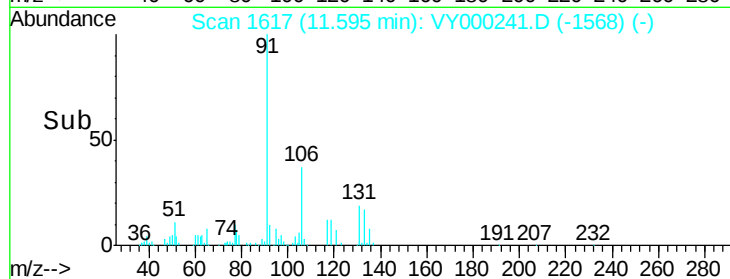
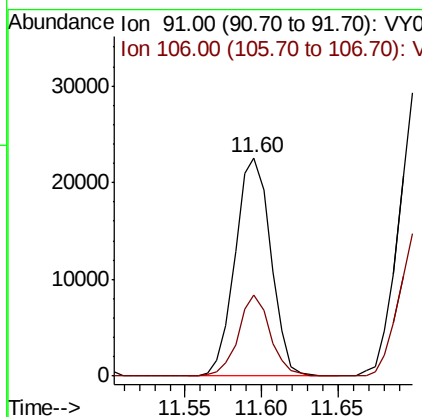
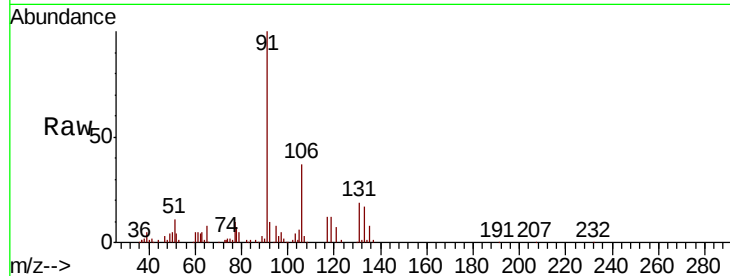
#67
Ethyl Benzene
Concen: 2.249 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
91	100		
106	37.4	25.2	37.8

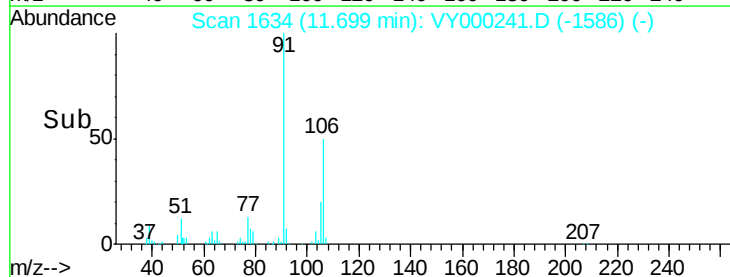
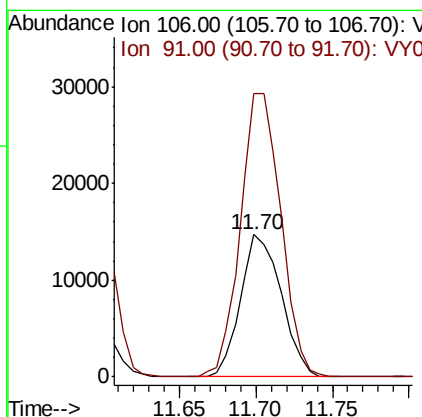
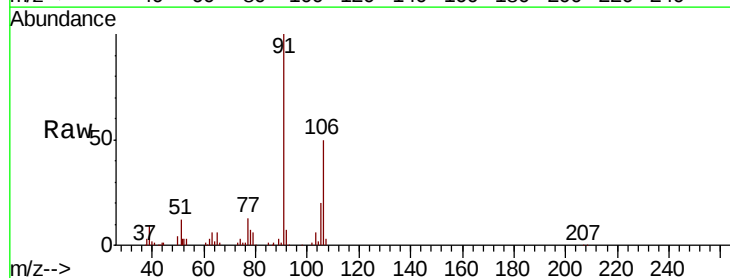
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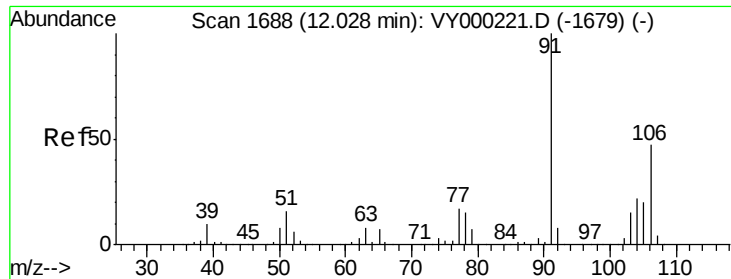
MMDadoda
10/11/2019 8:40:39 AM



#68
m/p-Xylenes
Concen: 4.400 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Lower	Upper
106	100		
91	197.4	159.9	239.9





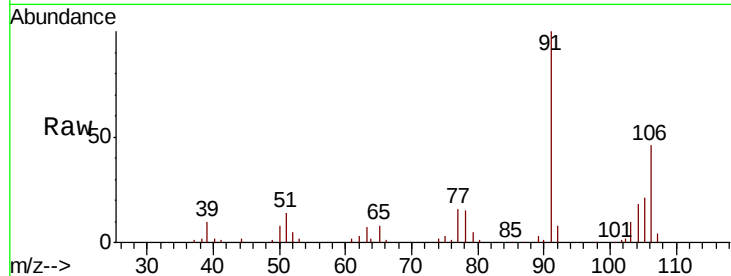
#69
o-Xylene
Concen: 2.297 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

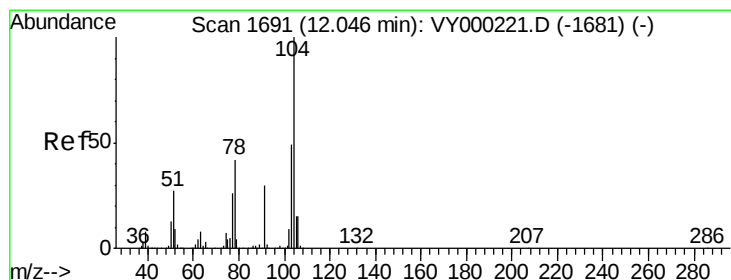
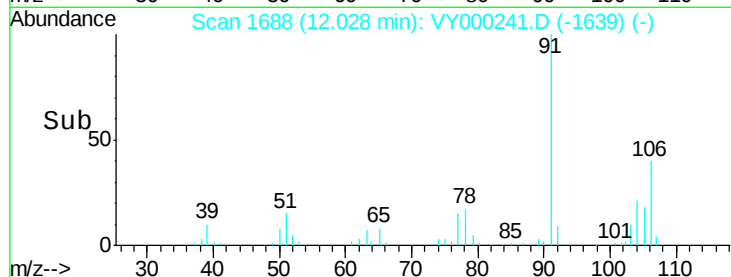
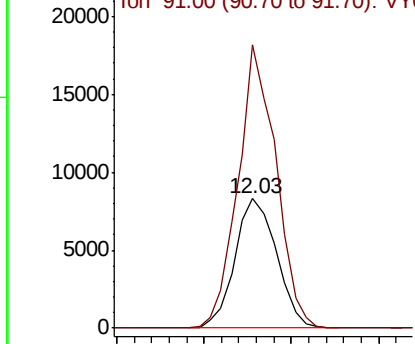
Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	199.9	106.1	318.1	

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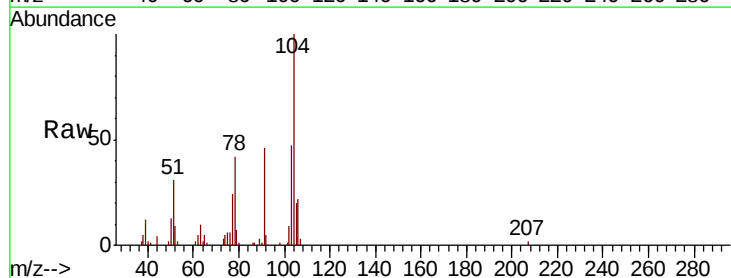


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

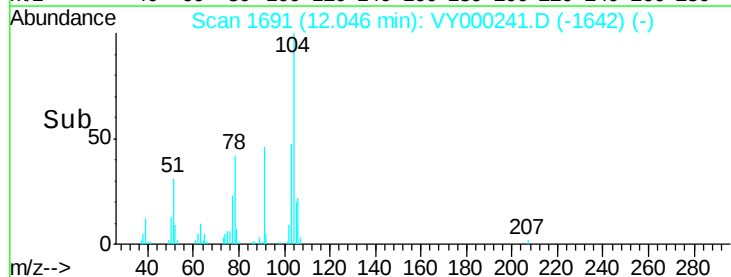
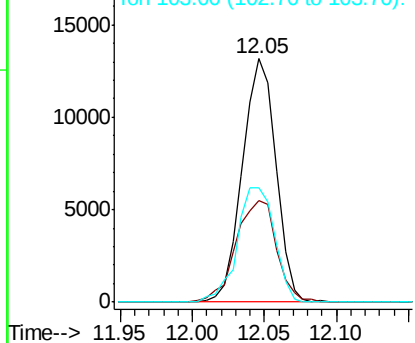


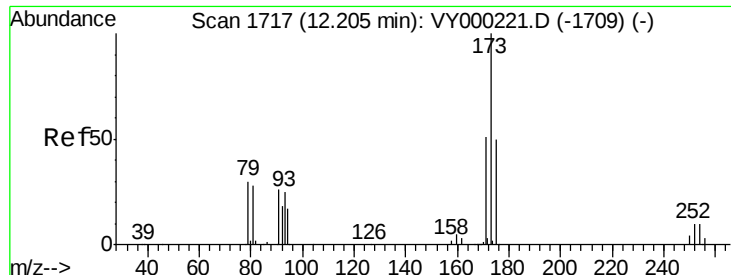
#70
Styrene
Concen: 2.055 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	50.8	39.0	58.4	
103	52.5	43.1	64.7	



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





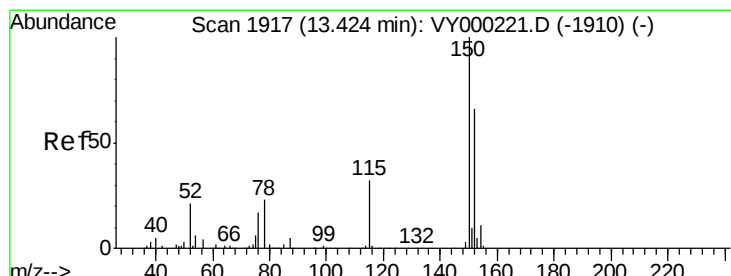
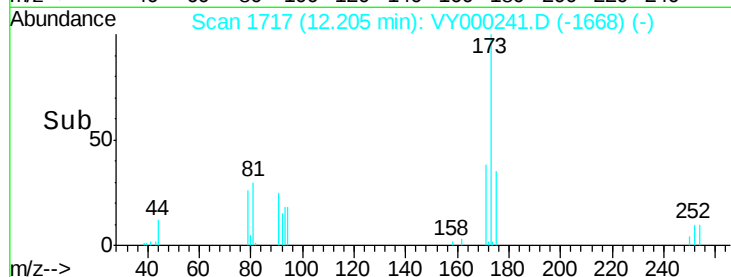
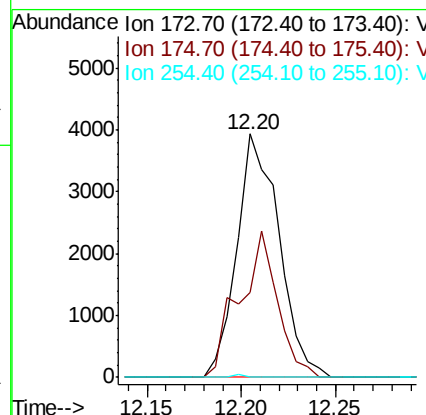
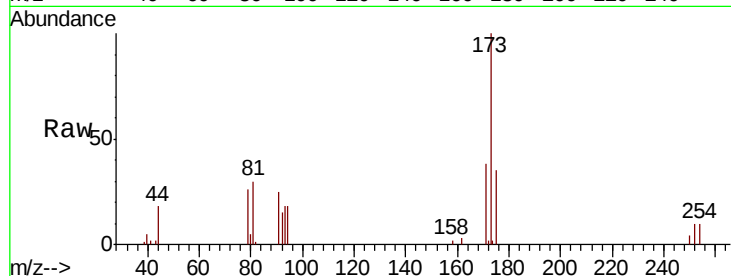
#71
Bromoform
Concen: 2.275 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
173	100		
175	54.6	24.8	74.3
254	0.3	0.1	0.1#

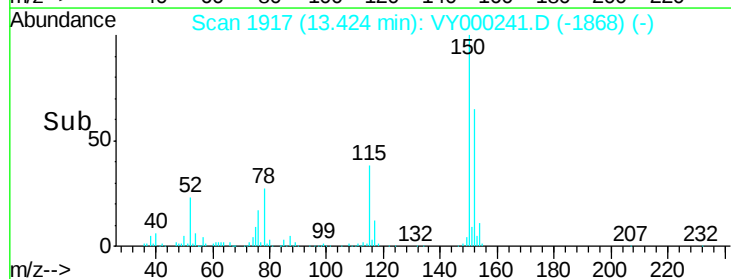
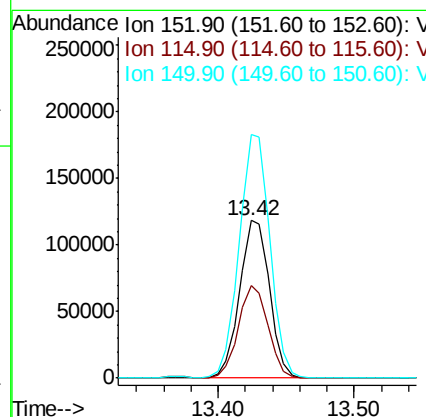
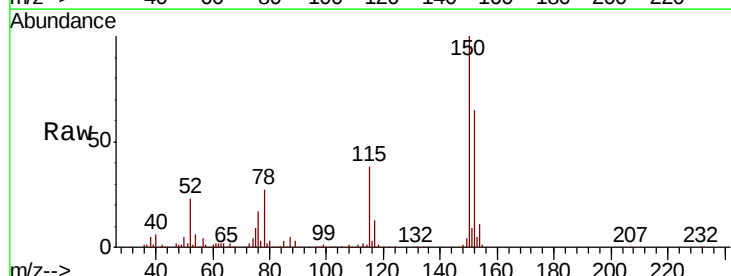
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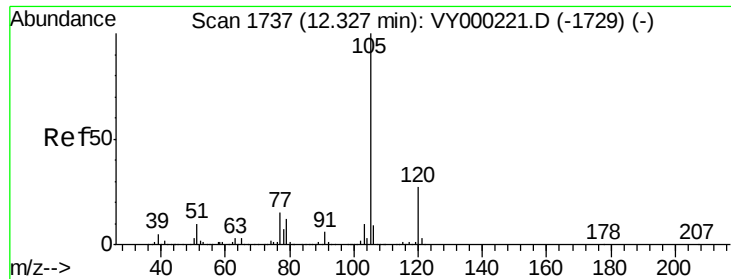
MMDadoda
10/11/2019 8:40:39 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.3	88.0
150	158.3	0.0	349.6





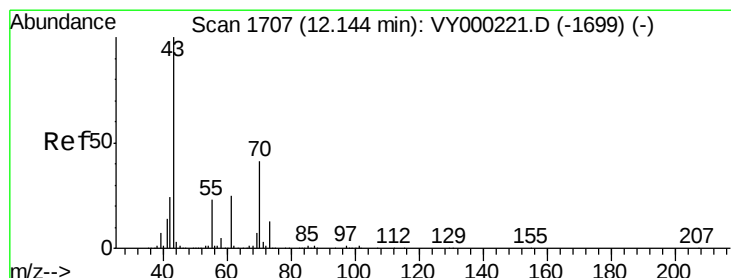
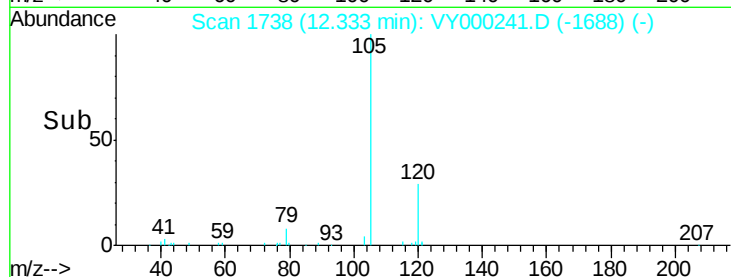
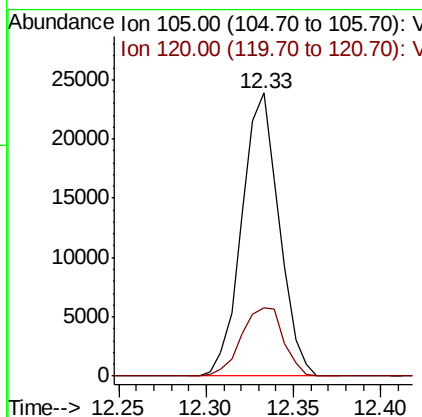
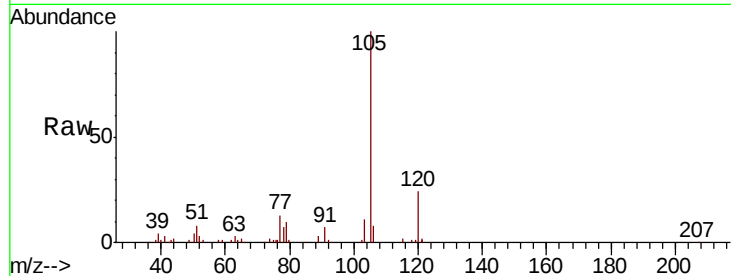
#73
Isopropylbenzene
Concen: 2.298 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.01 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.6	40.8

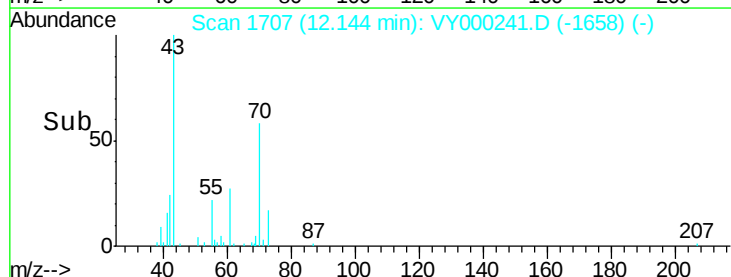
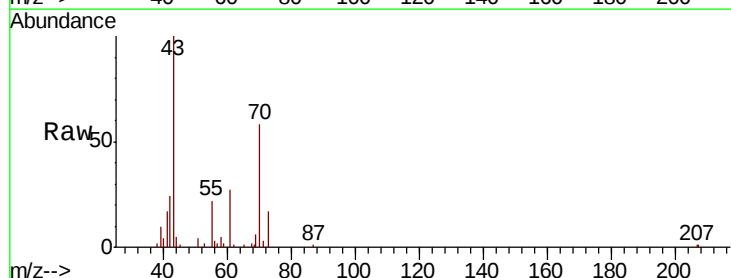
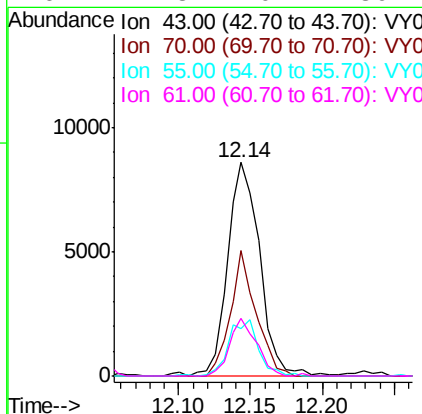
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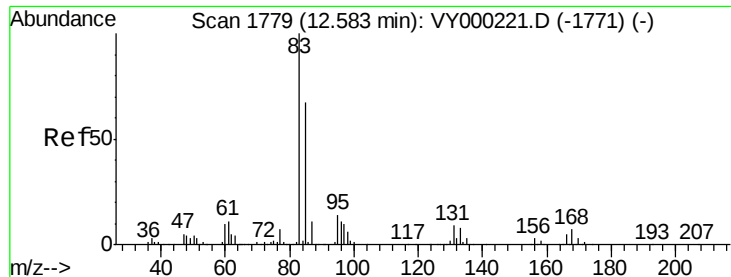
MMDadoda
10/11/2019 8:40:39 AM



#74
N-ethyl acetate
Concen: 1.831 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.1	34.9	52.3
55	24.8	18.2	27.2
61	22.8	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 2.180 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Instrument :

MSVOA_Y

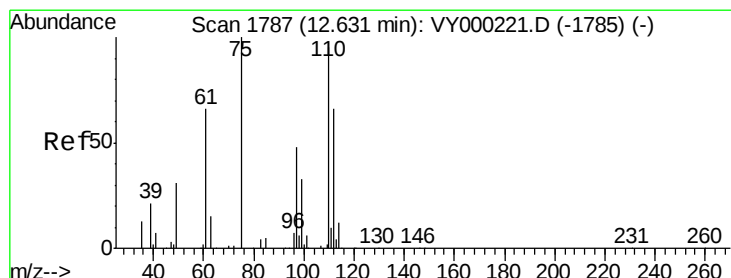
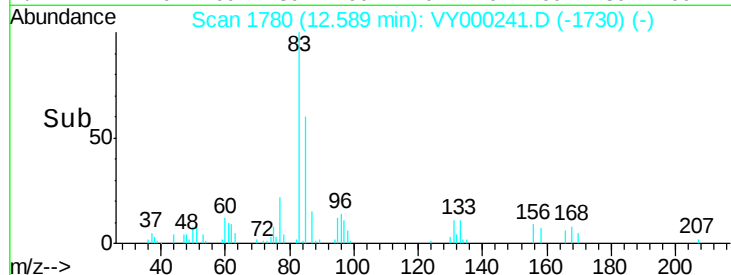
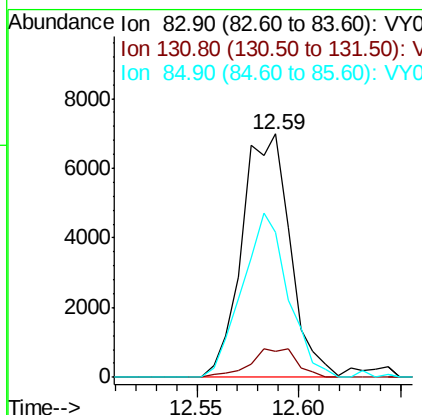
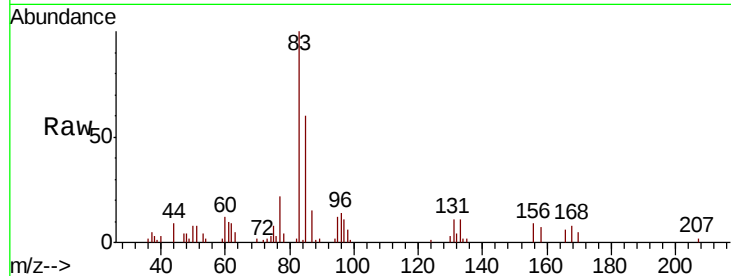
ClientSampleId :

2.5PPBMDL

Tot Ion:	83	Resp:	11452
Ion Ratio	Lower	Upper	
83	100		
131	11.5	4.8	14.3
85	64.5	32.5	97.5

Manual Integrations
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MMDadoda
10/11/2019 8:40:39 AM



#76

1,2,3-Trichloropropane

Concen: 2.320 ug/l m

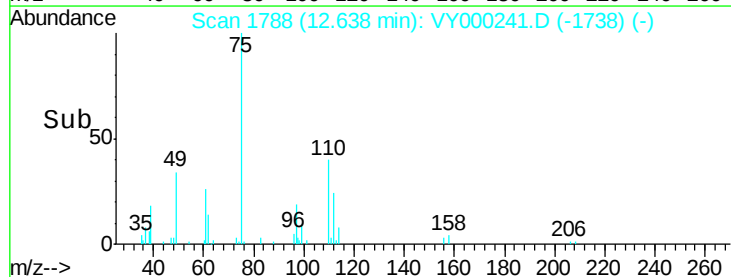
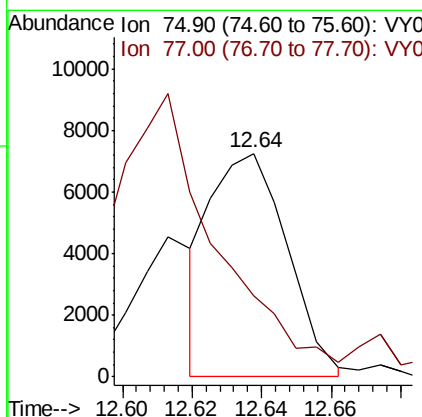
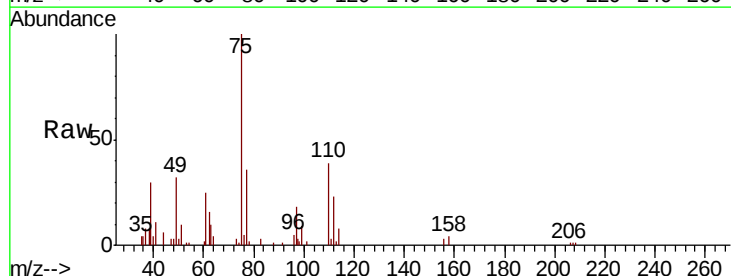
RT: 12.64 min Scan# 1788

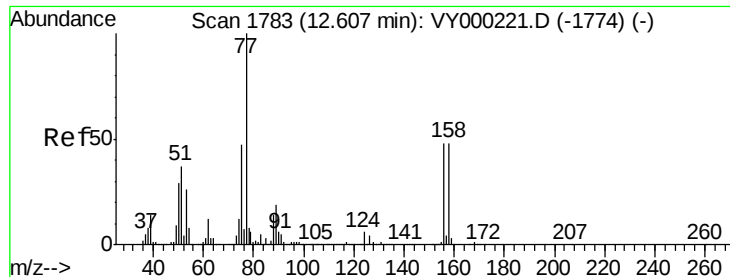
Delta R.T. 0.01 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Tgt Ion:	75	Resp:	11125
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 2.377 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion:156 Resp: 8578

Ion Ratio Lower Upper

156 100

77 221.1 118.1 354.3

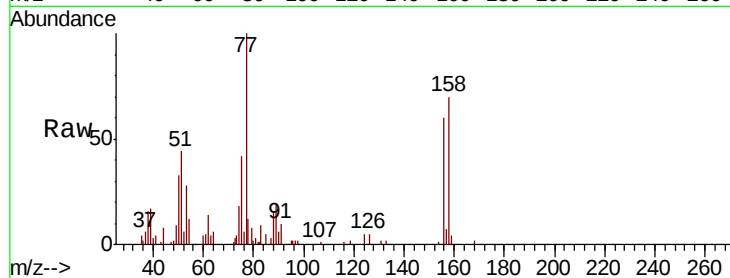
158 96.8 47.8 143.3

Manual Integrations

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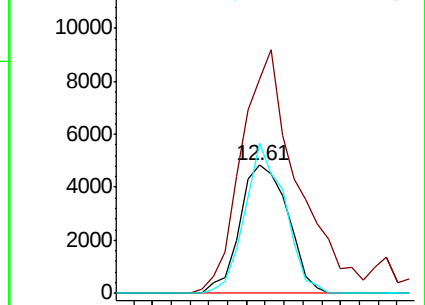
10/11/2019 8:40:39 AM



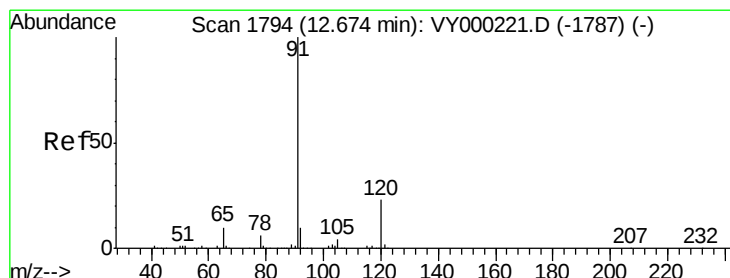
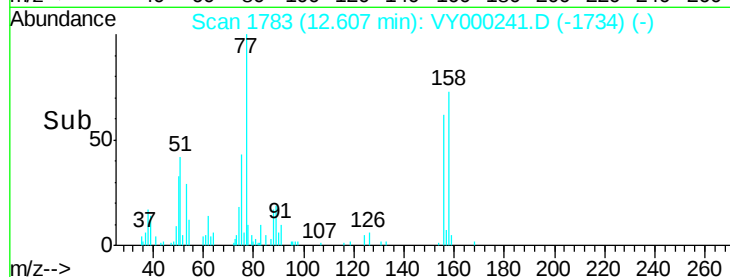
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 2.199 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000241.D

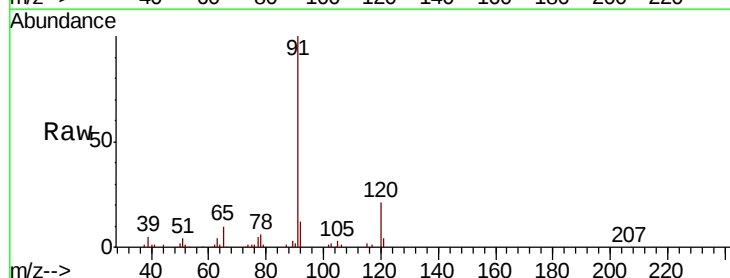
Acq: 09 Oct 2019 14:22

Tgt Ion: 91 Resp: 39541

Ion Ratio Lower Upper

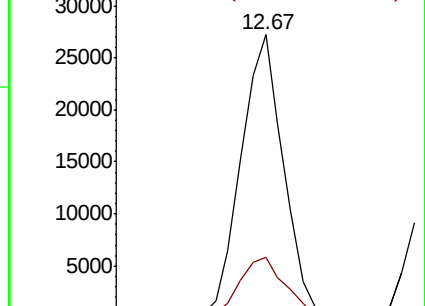
91 100

120 23.3 11.3 33.8

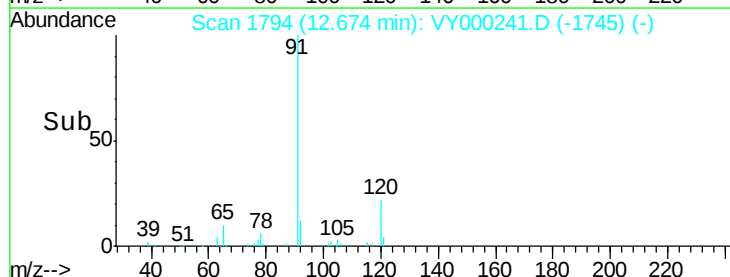


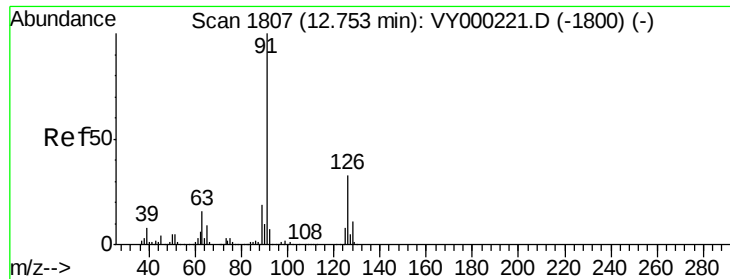
Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 2.233 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 91 Resp: 23113

Ion Ratio Lower Upper

91 100

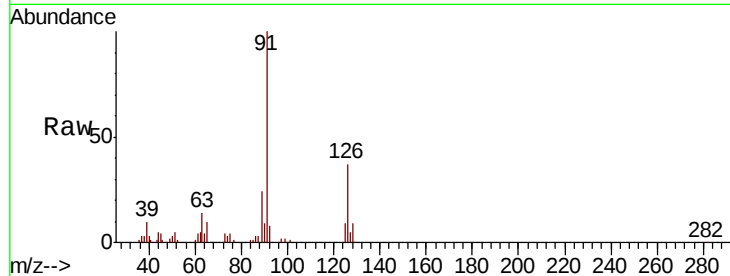
126 35.7 17.2 51.6

Manual Integrations

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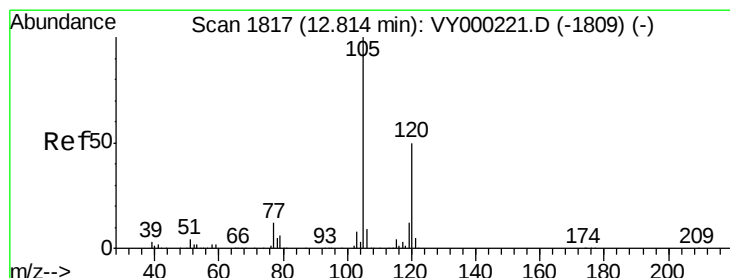
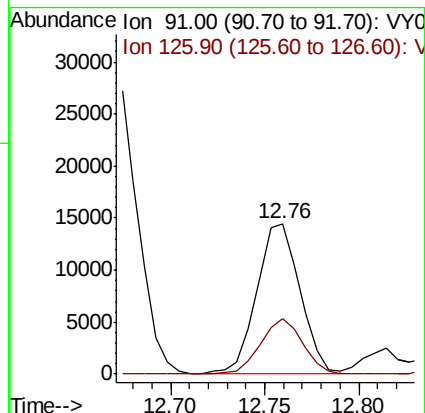
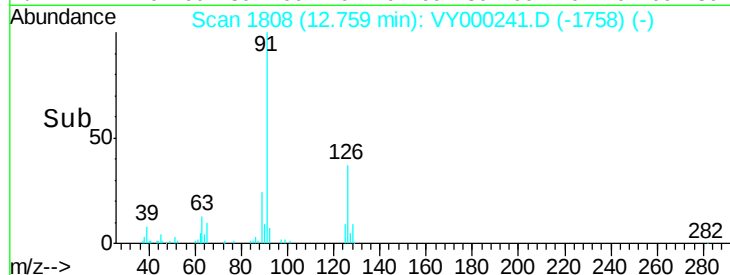
10/11/2019 8:40:39 AM



Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000221.D (-1800) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 2.319 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000241.D

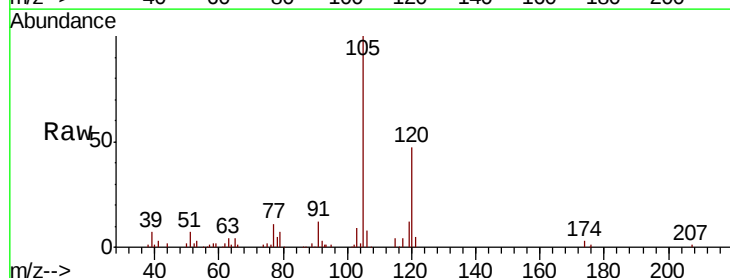
Acq: 09 Oct 2019 14:22

Tgt Ion: 105 Resp: 29783

Ion Ratio Lower Upper

105 100

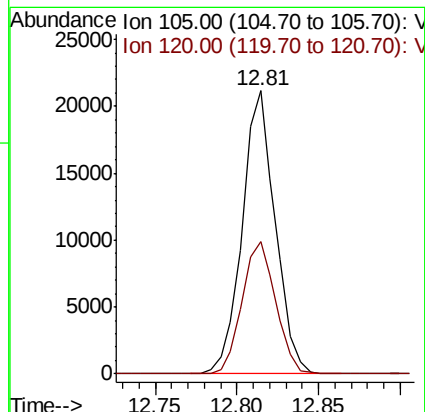
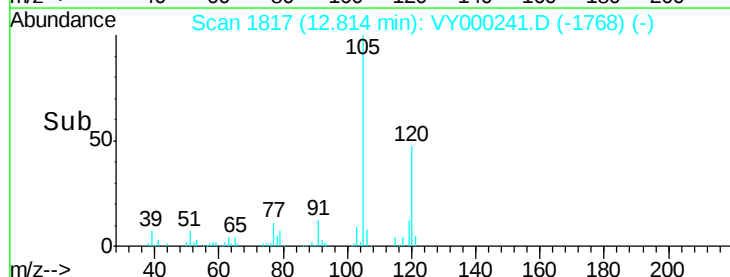
120 47.6 24.8 74.4

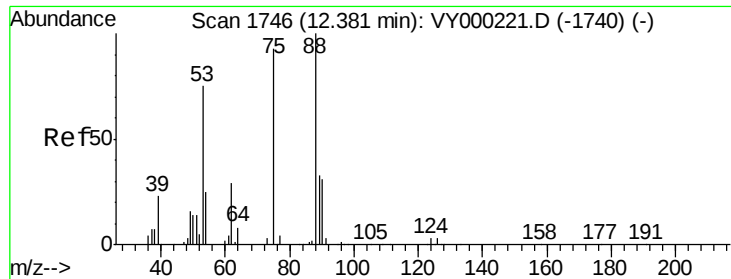


Abundance Ion 105.00 (104.70 to 105.70): VY000221.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY000221.D (-1809) (-)

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 1.970 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Instrument :

MSVOA_Y

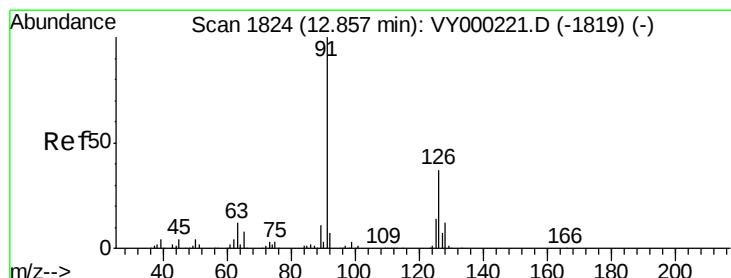
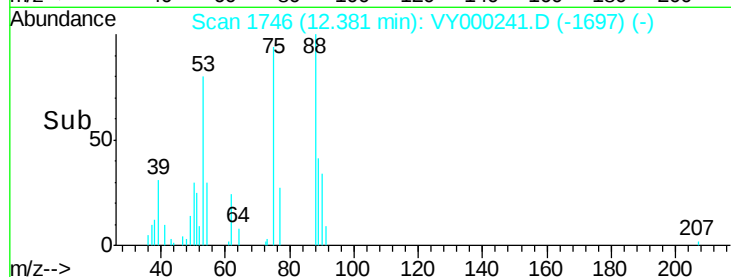
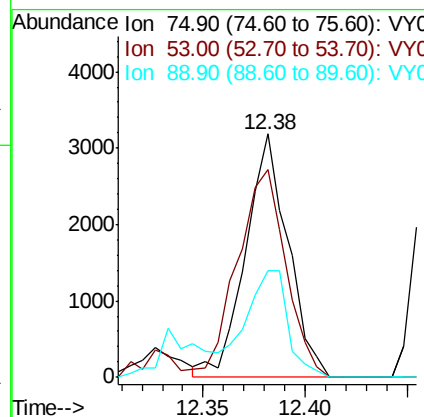
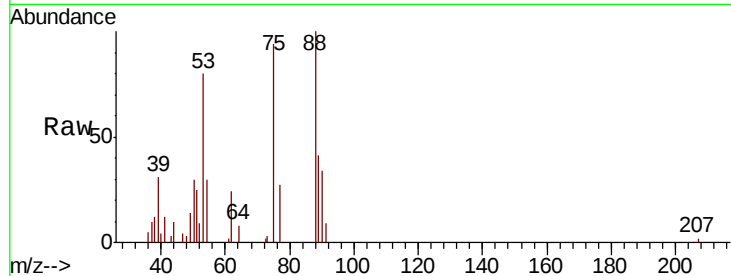
ClientSampleId :

2.5PPBMDL

Tot Ion:	75	Resp:	4580
Ion	Ratio	Lower	Upper
75	100		
53	98.8	66.5	99.7
89	44.0	46.9	70.3#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 2.242 ug/l

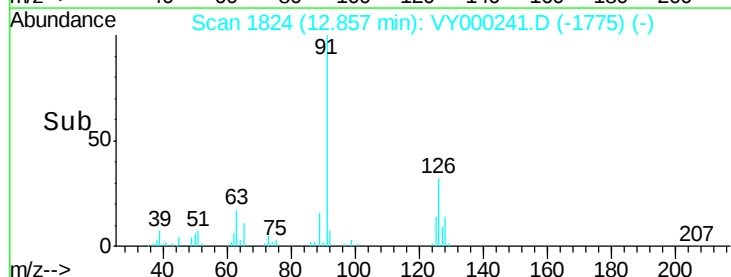
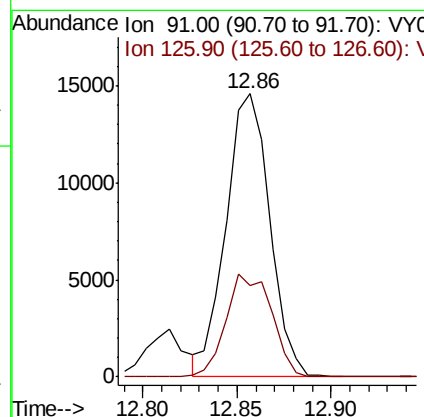
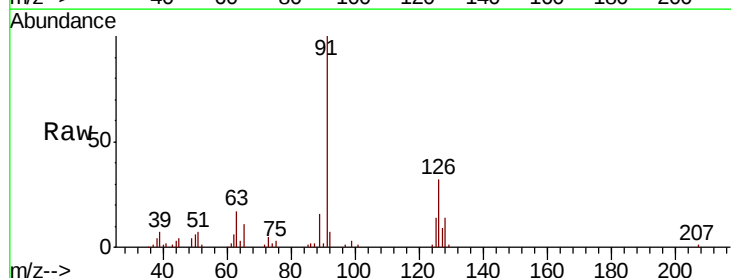
RT: 12.86 min Scan# 1824

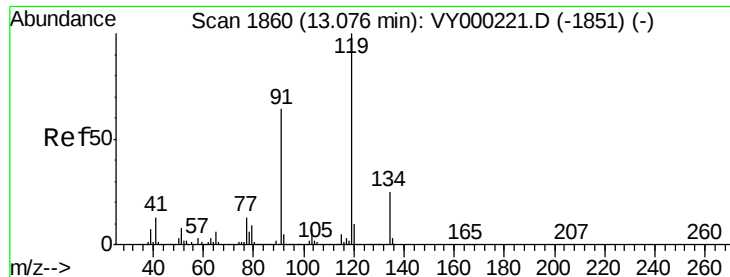
Delta R.T. 0.00 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Tgt Ion:	91	Resp:	23508
Ion	Ratio	Lower	Upper
91	100		
126	37.7	17.3	52.0





#83

tert-Butylbenzene

Concen: 2.221 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion:119 Resp: 24787

Ion Ratio Lower Upper

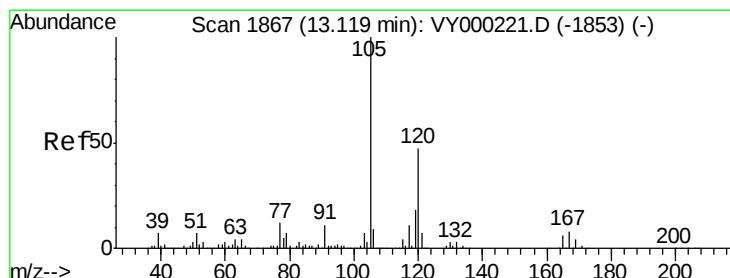
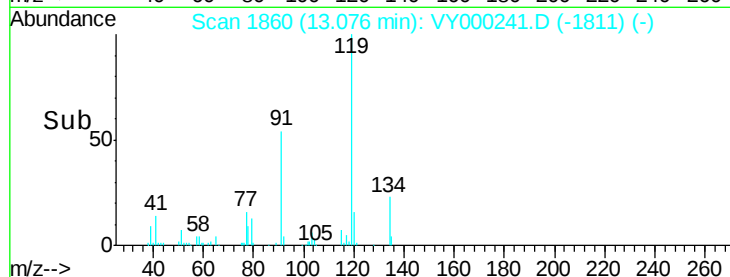
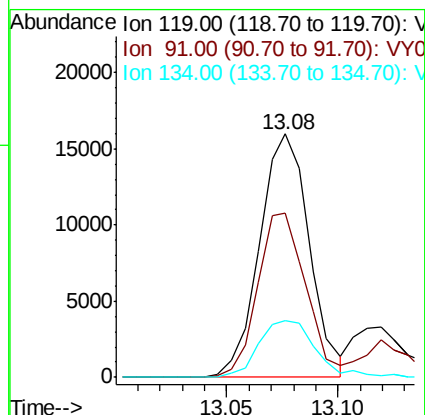
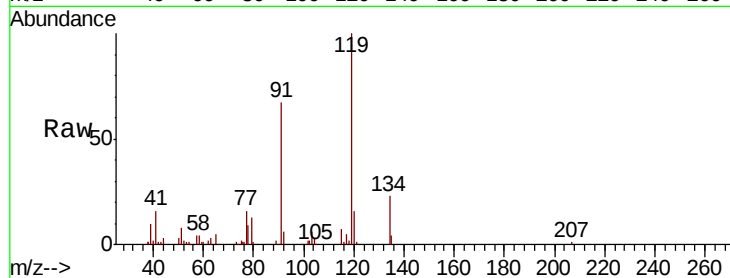
119 100

91 65.3 32.4 97.2

134 26.9 13.2 39.6

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 2.202 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY000241.D

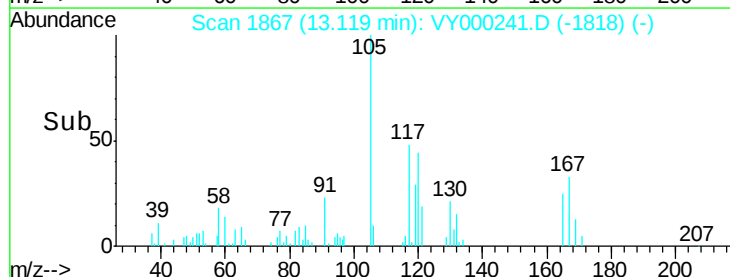
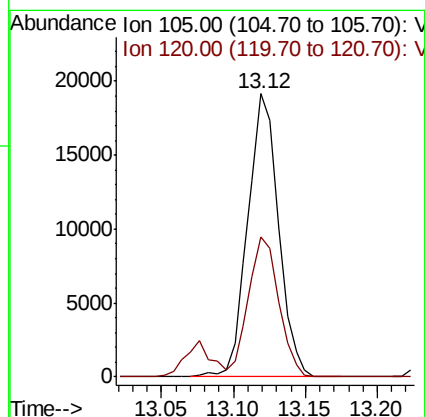
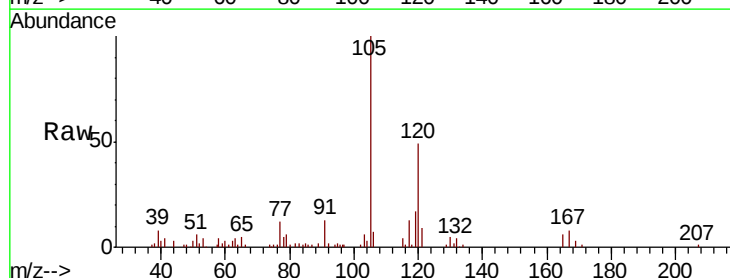
Acq: 09 Oct 2019 14:22

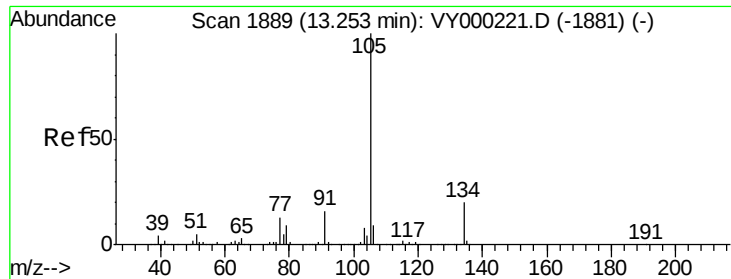
Tgt Ion:105 Resp: 28257

Ion Ratio Lower Upper

105 100

120 48.8 22.8 68.3





#85

sec-Butylbenzene

Concen: 2.282 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Instrument :

MSVOA_Y

ClientSampleID :

2.5PPBMDL

Tot Ion:105 Resp: 35117

Ion Ratio Lower Upper

105 100

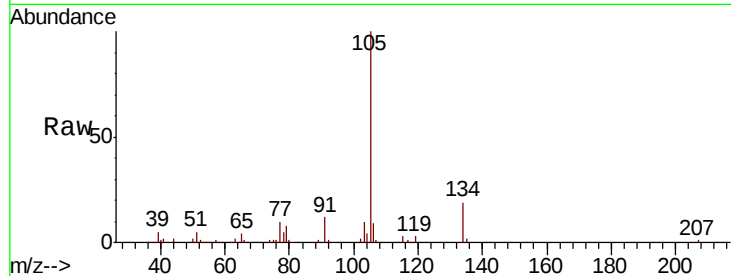
134 18.5 10.2 30.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

25000

20000

15000

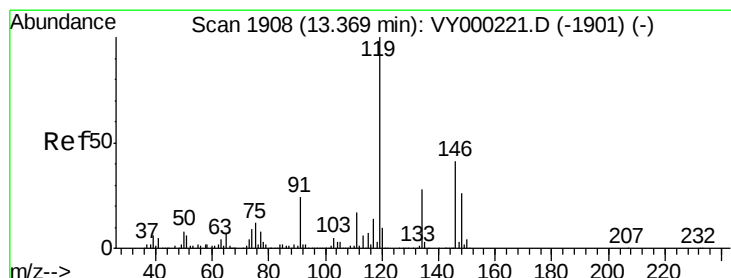
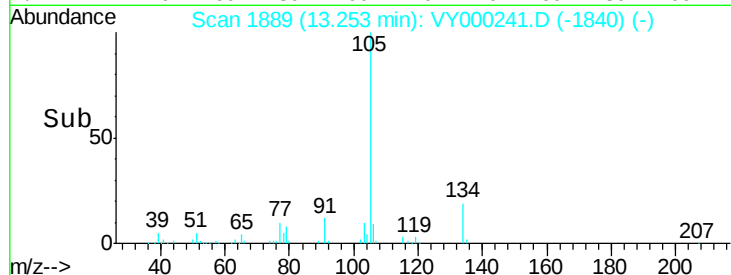
10000

5000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 2.213 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

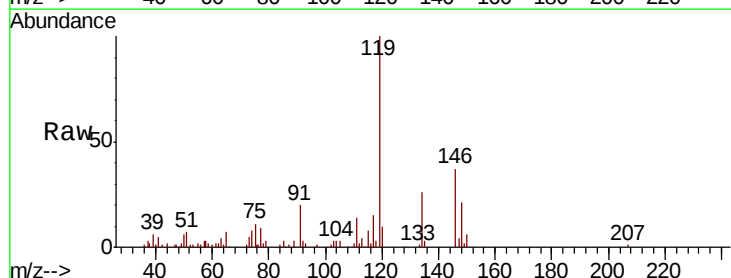
Tgt Ion:119 Resp: 29941

Ion Ratio Lower Upper

119 100

134 28.6 13.3 39.9

91 23.5 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

25000

20000

15000

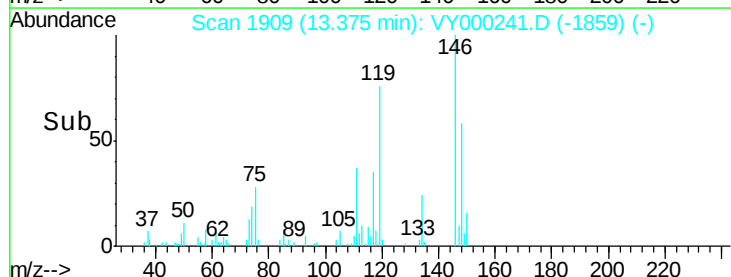
10000

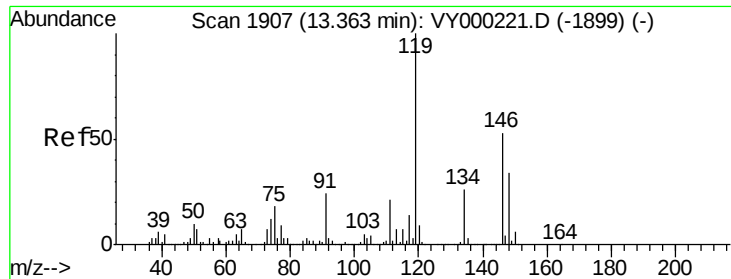
5000

0

13.30 13.35 13.40

Time-->





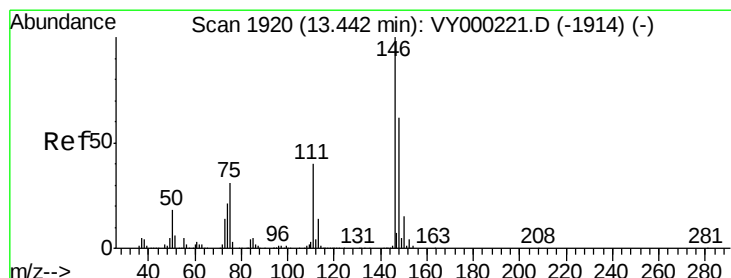
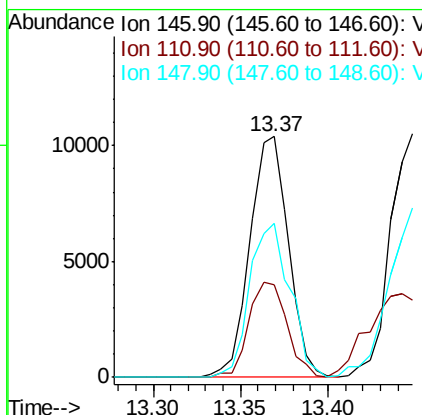
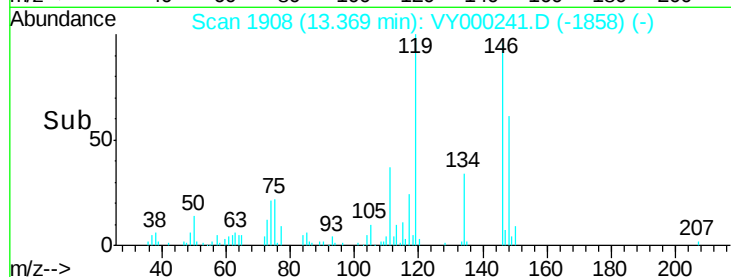
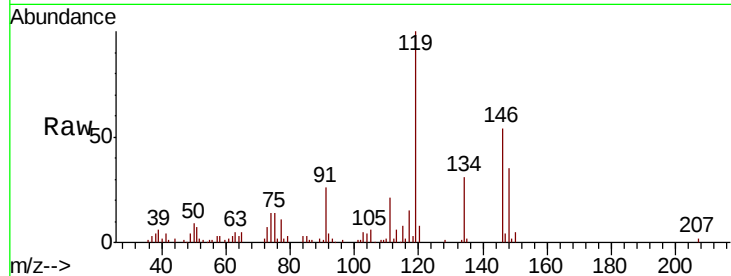
#87
 1,3-Dichlorobenzene
 Concen: 2.431 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Instrument :
 MSVOA_Y
 ClientSampled :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.3	60.8
148	66.7	31.7	95.1

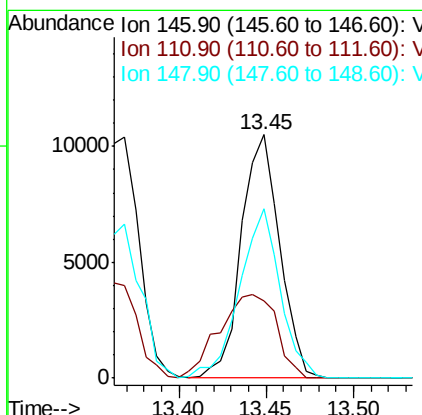
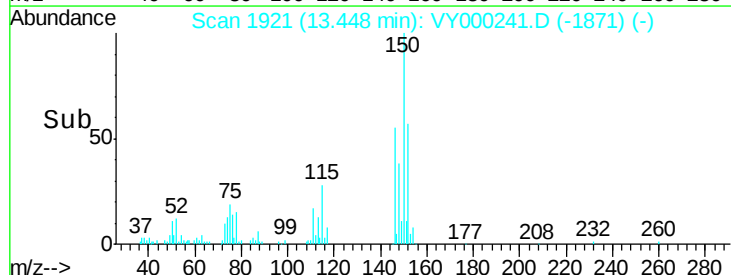
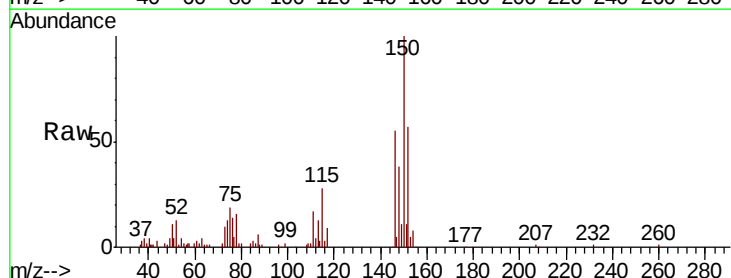
Manual Integrations
 APPROVED

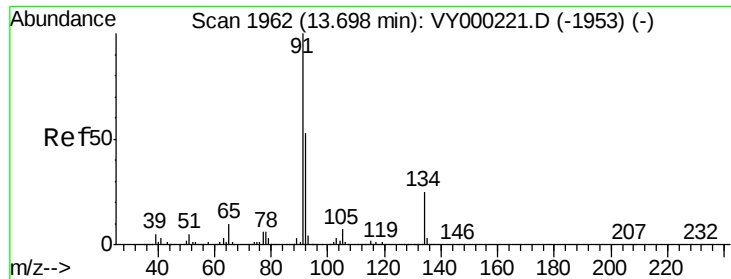
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 2.359 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	51.2	19.8	59.3
148	73.6	31.6	94.8





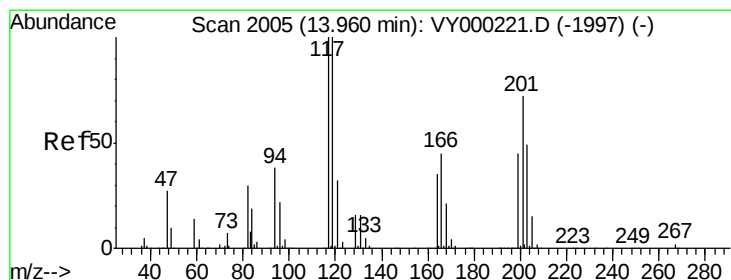
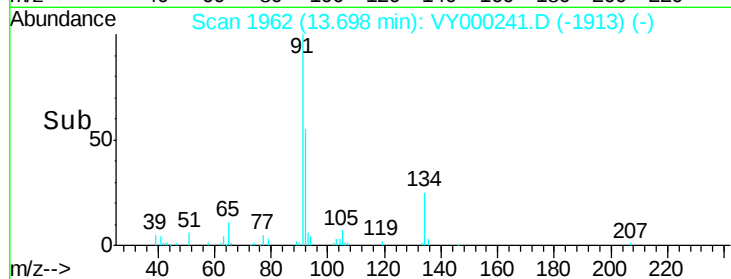
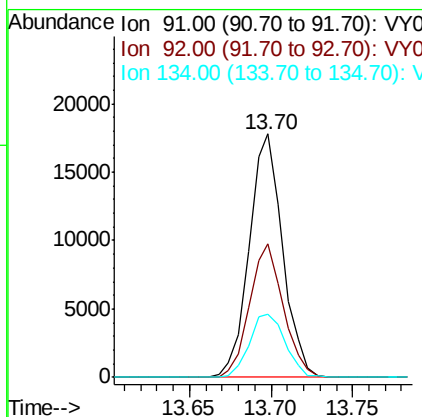
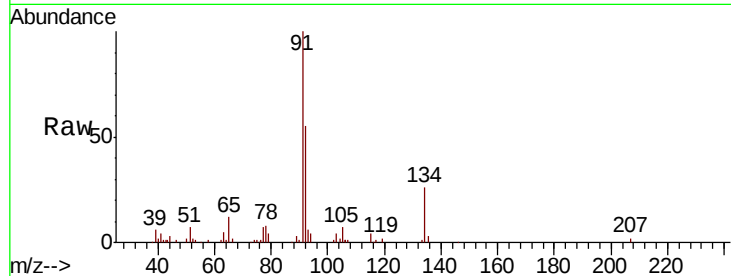
#89
n-Butylbenzene
Concen: 1.989 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.0	80.8
134	28.1	12.8	38.4

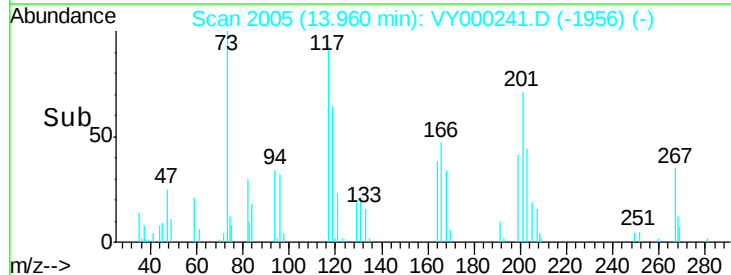
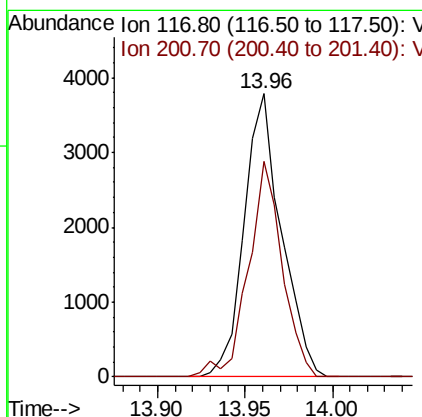
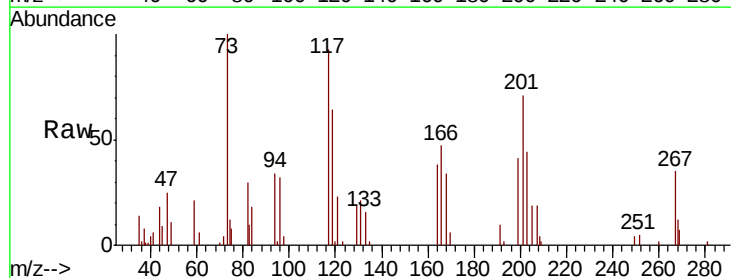
Manual Integrations
APPROVED

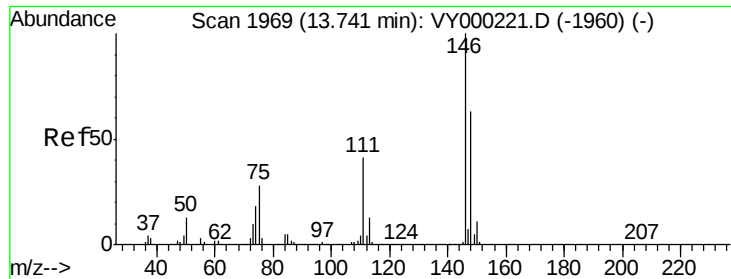
MMDadoda
10/11/2019 8:40:39 AM



#90
Hexachloroethane
Concen: 2.191 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000241.D
Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.3	35.5	106.5





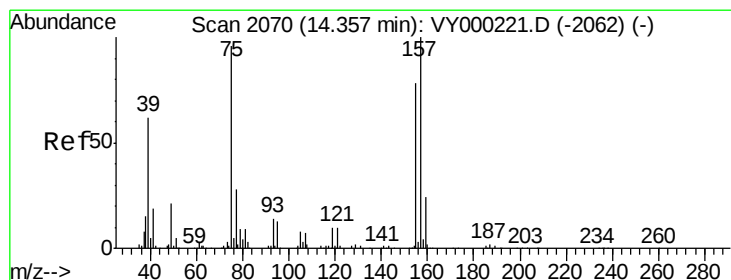
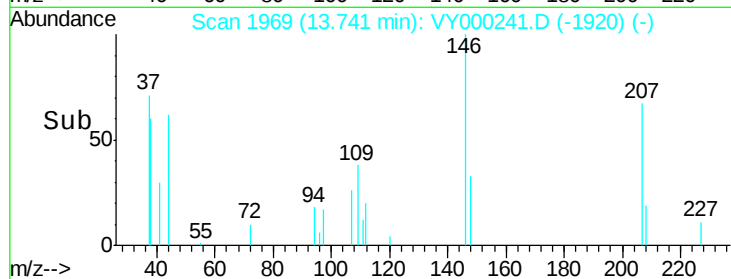
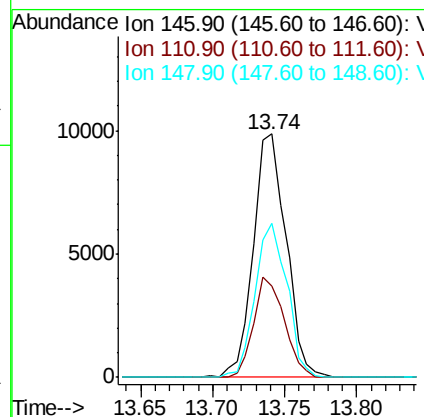
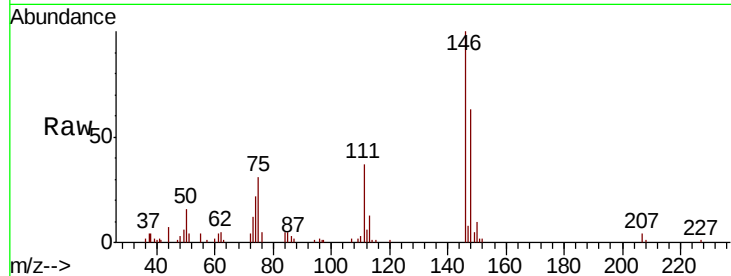
#91
 1,2-Dichlorobenzene
 Concen: 2.348 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	20.9	62.8
148	61.3	31.6	95.0

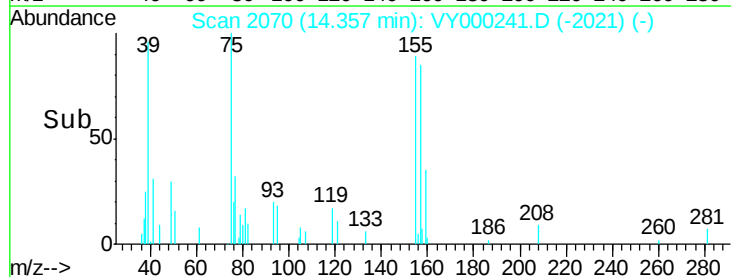
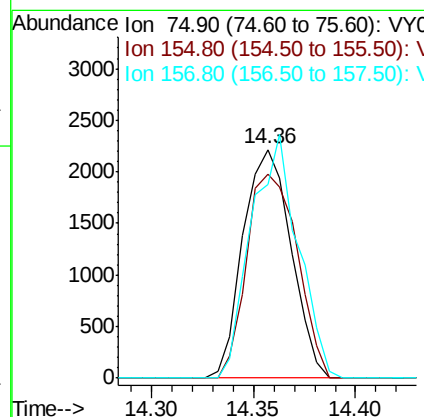
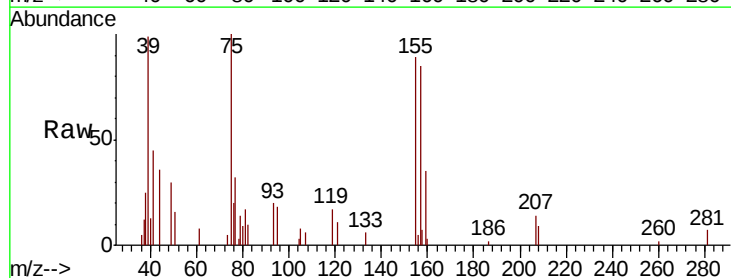
Manual Integrations
 APPROVED

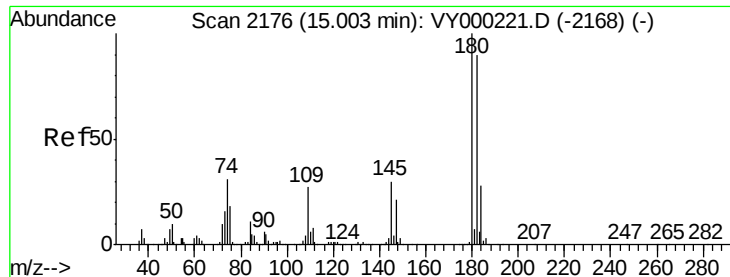
MMDadoda
 10/11/2019 8:40:39 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.203 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.5	42.4	127.3
157	103.9	53.8	161.5





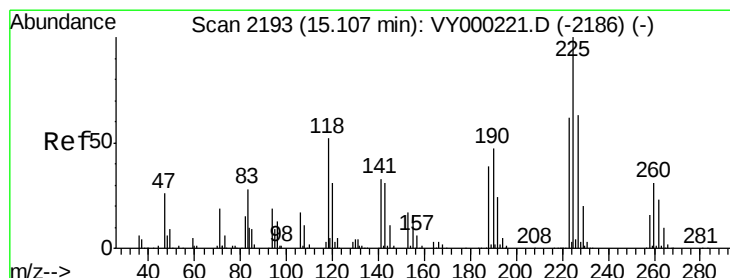
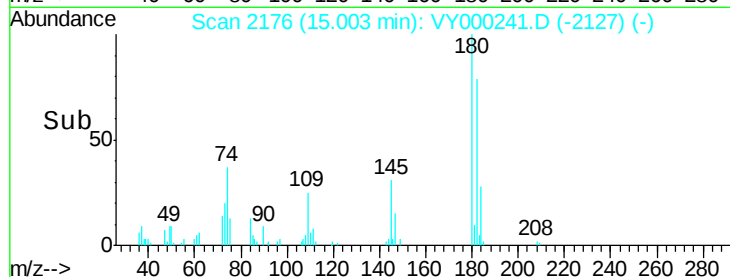
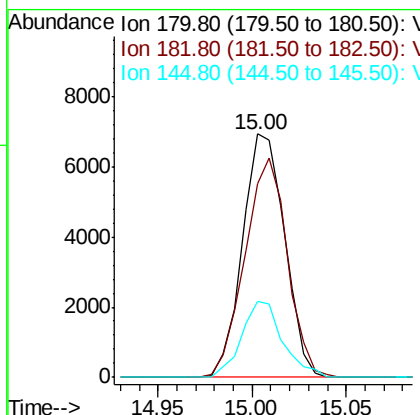
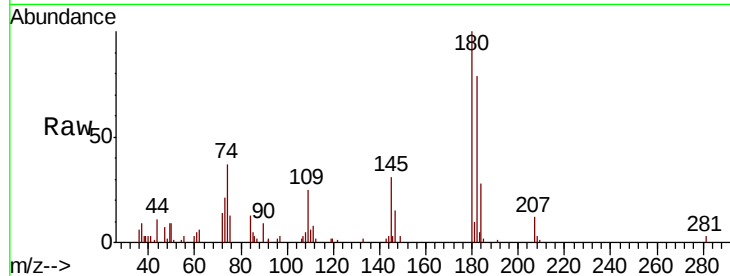
#93
 1,2,4-Trichlorobenzene
 Concen: 2.391 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.7	47.2	141.6
145	30.4	15.3	45.8

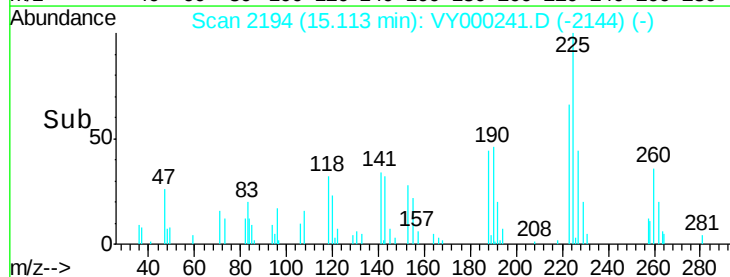
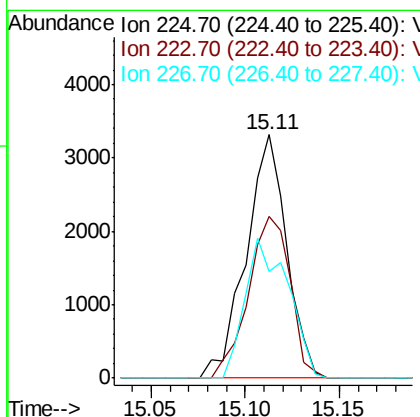
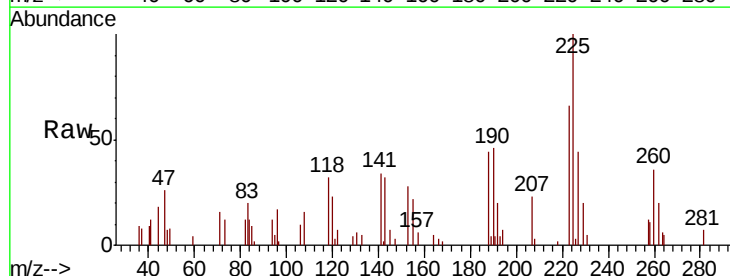
Manual Integrations
 APPROVED

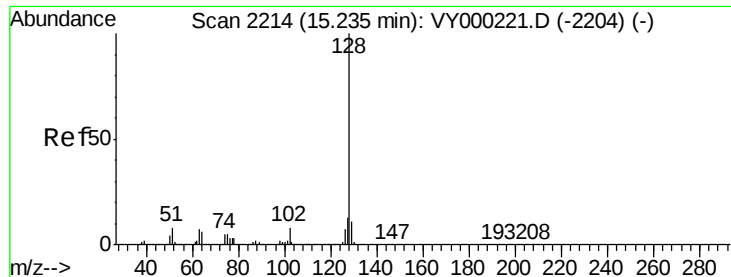
MMDadoda
 10/11/2019 8:40:39 AM



#94
 Hexachlorobutadiene
 Concen: 2.304 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000241.D
 Acq: 09 Oct 2019 14:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.2	31.9	95.5
227	61.1	31.5	94.5





#95

Naphthalene

Concen: 2.176 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Instrument :

MSVOA_Y

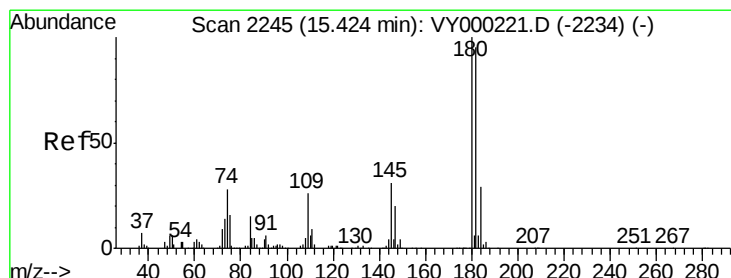
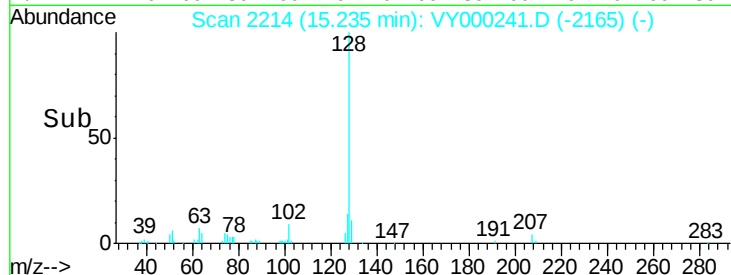
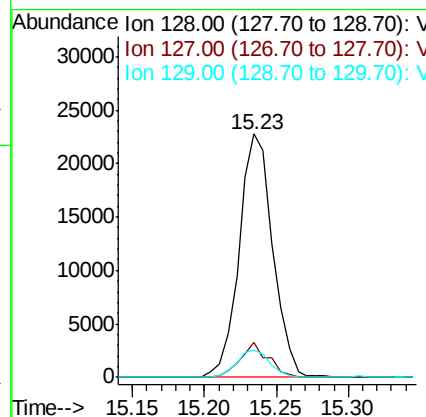
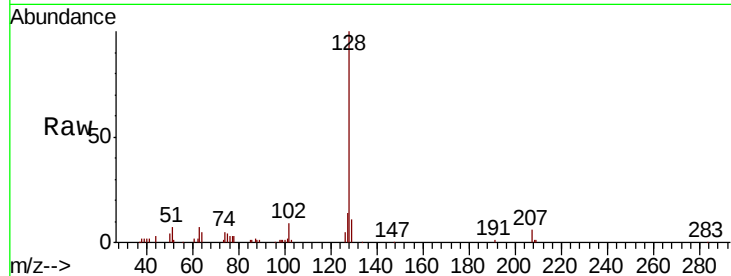
ClientSampleId :

2.5PPBMDL

Tot Ion:	128	Resp:	36796
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.2
129	11.2	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/11/2019 8:40:39 AM



#96

1,2,3-Trichlorobenzene

Concen: 2.463 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. 0.01 min

Lab File: VY000241.D

Acq: 09 Oct 2019 14:22

Tgt Ion:	180	Resp:	10649
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.7
145	27.8	16.3	48.9

